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AGRICULTURAL REVIEWS AND MANUALS
ARM-H-6/ APRIL 1979

INVENTORY OF AGRICULTURAL RESEARCH FY 1977

RESEARCH PROGRAM SUMMARY



**VOLUME III
TABLE V**

**UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION**

INVENTORY OF AGRICULTURAL RESEARCH

VOLUME III

(Table V)

Scientist Years by Research Program Group (RPG)
and Research Program (RP)

FISCAL YEAR 1977

Fiscal Year 1977 covers the period from October 1,
1976 through September 30, 1977

This report was compiled from data supplied to the
Current Research Information System, Technical
Information Systems, by USDA Research Agencies,
State Agricultural Experiment Stations, Forestry
Schools, and Other Cooperating Institutions.

Issued by

TECHNICAL INFORMATION SYSTEMS
SCIENCE AND EDUCATION ADMINISTRATION
U.S. DEPARTMENT OF AGRICULTURE
BELTSVILLE, MARYLAND 20705

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France, Italy, Jamaica, Japan	5	41
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Thailand	8	44
Region 1 - Northeast		
Connecticut	9	45
Delaware	9	46
District of Columbia	9	47
Maine	10	48
Maryland	10	49-50
Massachusetts	10	51
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Mississippi	16	73-74
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Alaska	19	89
Illinois	19	90-91
Indiana	19	92-93
Iowa	20	94-95
Kansas	20	96-97
Michigan	20	98-99
Minnesota	21	100-101
Missouri	21	102-103
Nebraska	21	104
North Dakota	22	105
Ohio	22	106-107
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Region 4 - Western		
Arizona	24	111-112
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Colorado	24	115-116
Hawaii	25	117
Idaho	25	118-119
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Nevada	26	122
New Mexico	26	123
Oregon	26	124-125
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I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study, A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA research agencies on Forms AD 416, AD 417, and AD 418, and by State Agricultural Experiment Stations and other Institutions on Forms AD 416, AD 417 and AD 419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity subdivisions. The I-A Tables show data for RPA X Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Areas (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Agricultural Information Division, Technical Information Systems, U. S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Some inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn),
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn),
"Field of Science" 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Problem Area "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

VOLUME III

The material in this Volume has been organized into manageable units and sub-units based on type of research (Agricultural or Forestry), Commodity, and Research Problem Area (RPA) Classification. The various Commodity X RPA Combinations for the two types of research aggregate to 48 Research Programs (RPs) which, in turn, aggregate to seven (7) Research Program Groups (RPGs). One additional RP/RPG has been established for unclassified projects. In this publication Forestry Research includes all research performed by Forest Service, Forestry Schools, funded by McIntire-Stennis, or designated Forestry by the Cooperative State Research Service. All other research is considered agricultural research. Duplication has been eliminated by designating each unique Type X Commodity X RPA combination as having a primary impact on only one of the 48 RPs. For example, a research project conducted by the Agricultural Research Service concerning watershed protection, Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 1.02 "Water and Watersheds." A research project conducted by the Forest Service concerning watershed protection Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having primary impact on RP 2.04 "Forest Watersheds, Soils, and Pollution."

The Research Program Key on Pages ix-x shows the Type X Commodity X RPA combinations that aggregate to each RP. Columns 2 and 3 (Agricultural) and 2 and 4 (Forestry) show the combinations which have a primary impact on each research program.

The SYS are listed by performing organization except for USDA Contracts, Grants and Cooperative Agreements with organizations other than the State Agricultural Experiment Stations. These SYS are listed by funding organization.

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME U. S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS					DATE (Day, Month, Year)		AMENDMENT <input type="checkbox"/>	
1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.		4. STATUS New <input type="checkbox"/> Extended <input type="checkbox"/> Revised <input type="checkbox"/> Term- inated <input type="checkbox"/> Pend- ing <input type="checkbox"/>		
7. TITLE								
8. PERFORMING ORGANIZATION					13. RESPONSIBLE ORGANIZATION			
CITY		STATE/COUNTRY		ZIP CODE	CONG. DISTRICT		CITY	14. STATE
12. INVESTIGATOR NAME(S) (Last name & initials)		15. RESPONSIBLE INDIVIDUAL (Last name & initials)						
1		4		16. RESEARCH LOCATION ON CAMPUS A <input type="checkbox"/> Yes B <input type="checkbox"/> No				
2		5						
3		6						
PROJECT TYPE				CONTRACTS, GRANTS AND COOPERATIVE AGREEMENTS				
17-1. FOR USDA USE		17-2. FOR USDA USE		18-1. FOR STATE USE		18-2. DISP. OF EQUIP.		18-4. CONTR./GR./AGMT. NO.
A <input type="checkbox"/> Contd. B <input type="checkbox"/> Grant		Contr./Gr./ Agmt. with		T <input type="checkbox"/> S <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/>		None Revers pur- to Re- chased Gov't. tained		18-5. FOR STATE USE
C <input type="checkbox"/> Coop. D <input type="checkbox"/> In- house		SAES Other		Hatch M-S State		A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/>		18-6. FOR STATE USE
		A <input type="checkbox"/> B <input type="checkbox"/>		H <input type="checkbox"/> M <input type="checkbox"/> S <input type="checkbox"/> State		A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/>		18-7. TOTAL EYS.
21. FACILITIES		A <input type="checkbox"/> Federally owned B <input type="checkbox"/> Federally leased C <input type="checkbox"/> Combined D <input type="checkbox"/> State E <input type="checkbox"/> Other		22. - 23. REGIONAL PROJECT NO.		20. FY		
24. OBJECTIVES 25. APPROACH (Use space needed for "24. OBJECTIVES", then indicate "25. APPROACH".)								
27. KEYWORDS								
RECOMMENDED			APPROVED <small>Check applicable one</small> CONCURRED					
SIGNATURE			TITLE			DATE		
SIGNATURE			TITLE			DATE		
SIGNATURE			TITLE			DATE		
SIGNATURE			TITLE			DATE		
26. AWARD DATE (Day, Mo, Yr)			28. START DATE (Day, Mo, Yr)			30. TERMINATION (Day, Mo, Yr)		
29. DURATION (Mos.)			SIGNATURE			DATE		
FOR USDA USE <input type="checkbox"/> Project referred and cleared by all interested agencies for entry into CRIS.								

FORM AD-418 (12/76)

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH U. S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS								DATE (Day, Month, Year)	
1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.		31. HATCH MARKETING <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> %			
32. BASIC RESEARCH		33. APPLIED RESEARCH		34. DEVELOPMENT EFFORT		35. FORESTRY			
%		%		%		%			
CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA									
ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA		PRODUCT OF	
CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)	CODE (7)	% (8)	CODE (9)	% (10)
36.									
37.									
38.									
39.									
40.									
41.									
42.									
43.									
44.									
45.									
46.									
47.									
SPECIAL CLASSIFICATION									
Fields 48 - 77 are used to identify special areas of research such as, Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (ARS) and Special Research Programs (ARS). Refer to your agency manual for specific codes and instructions.									
CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48.		54.		60.		66.		72.	
49.		55.		61.		67.		73.	
50.		56.		62.		68.		74.	
51.		57.		63.		69.		75.	
52.		58.		64.		70.		76.	
53.		59.		65.		71.		77.	
78. COOPERATORS A <input type="checkbox"/> USDA B <input type="checkbox"/> Other Federal Agencies C <input type="checkbox"/> Industry and other D <input type="checkbox"/> State						COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION (List)			
83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION						80.			
						81.			
						82.			

AD FORM 417
DEC 1976

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER				DATE (Day, mo., yr.)
U.S. DEPARTMENT OF AGRICULTURE USE ONLY				
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.	
7. TITLE				
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION				
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS			FIELD NUMBER	
Regular, In House			(101) . .	
Regular, Contracts, Grants, Agreements with AES			(102) . .	
Regular, Contracts, Grants, Agreements with Others			(103) . .	
Special Funds (015) (ARS) In House			(104) . .	
Special Funds (010) (ARS) In House			(105) . .	
Forest Service Research Contracts			(106) . .	
Other USDA (Identify):			(107) . .	
TOTAL			(131) . .	
OTHER FEDERAL RESEARCH FUNDS				
Energy Research and Development Administration			(310) . .	
Agency for International Development			(308) . .	
Department of Defense			(311) . .	
National Institutes of Health			(316) . .	
Public Health Service			(312) . .	
Health Education and Welfare (Other)			(313) . .	
National Aeronautics and Space Administration			(314) . .	
Tennessee Valley Authority			(315) . .	
Foreign Agricultural Research (PL 480)			(117) . .	
Other Federal Funds (Identify):			(318) . .	
TOTAL			(332) . .	
NON-FEDERAL RESEARCH FUNDS				
Trust Funds, In House			(120) . .	
Trust Funds, Contracts, Grants, Agreements with AES			(121) . .	
Trust Funds, Contracts, Grants, Agreements with Others			(122) . .	
Other Non-Federal Funds (Identify):			(123) . .	
TOTAL			(133) . .	
TOTAL ALL RESEARCH FUNDS AT LOCATION			(134) . .	
STAFF SUPPORT			STAFF EFFORT (years)	
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)			ACTUAL	ESTIMATE
Scientists (GS-11 and above)			(141) . .	
Professional Support			(142) . .	
Technical Support			(143) . .	
Clerical, Labor and Other			(144) . .	
TOTAL STAFF YEARS			(350) . .	
SUBMITTED BY			TITLE	

UNITED STATES DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER				DATE (Day, Mo., Year)
FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE				
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.	
7. TITLE				
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION				
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED			FIELD NUMBER	FY ACTUAL \$
Hatch Funds			(201) . .	
Regional Research Funds			(202) . .	
McIntire Stennis Funds			(203) . .	
Special Grants for Research (PL 89-106)			(204) . .	
Other Funds (Identify):			(205) . .	
TOTAL			(231)	
OTHER FEDERAL RESEARCH FUNDS				
USDA Contracts Grants Co-op Agreements (Identify Agency)			(219) . .	
National Science Foundation			(209) . .	
Energy Research and Development Administration			(310) . .	
Agency for International Development			(308) . .	
Department of Defense			(311) . .	
National Institutes of Health			(316) . .	
Public Health Service			(312) . .	
Health, Education and Welfare			(313) . .	
National Aeronautics and Space Administration			(314) . .	
Tennessee Valley Authority			(315) . .	
Other (Identify):			(318) . .	
TOTAL			(332)	
NON-FEDERAL RESEARCH FUNDS				
State Appropriations			(220) . .	
Sale of Products			(221) . .	
Industry Grants and Agreements			(222) . .	
Other Non-Federal Funds			(223) . .	
TOTAL			(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION			(234)	
STAFF SUPPORT			STAFF EFFORT (years)	
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)			ACTUAL	ESTIMATED
Scientists (Asst. Prof. and above)			(241) . .	
Professional Support			(242) . .	
Technical Support			(243) . .	
Clerical, Labor and Other			(244) . .	
TOTAL STAFF YEARS			(350)	
SUBMITTED BY (Signature)			TITLE	

RESEARCH PROGRAM GROUP/RESEARCH PROGRAM

1.00 NATURAL RESOURCES

- 1.01 Soil and Land Use
- 1.02 Water and Watersheds
- 1.03 Recreation
- 1.04 Environmental Quality
- 1.05 Weather Modification
- 1.06 Fish and Wildlife
- 1.07 Remote Sensing

2.00 FORESTRY

- 2.01 Inventory and Appraisal of Forestry Resources
- 2.02 Timber Management
- 2.03 Forest Protection
- 2.04 Harvesting, Processing, Marketing of Forest Products
- 2.05 Forest Watersheds, Soils, Pollution
- 2.06 Forest, Range, Wildlife and Fisheries Habitat Development
- 2.07 Forest Recreation, Aesthetics, Landscape Values
- 2.08 Alternate Uses of Land
- 2.09 Technical Assistance

3.00 CROPS (Field and Horticultural)

- 3.01 Corn
- 3.02 Grain Sorghum
- 3.03 Wheat
- 3.04 Other Small Grains
- 3.05 Rice
- 3.06 Soybeans
- 3.07 Peanuts
- 3.08 Sugar
- 3.09 Forage, Pasture and Range
- 3.10 Cotton
- 3.11 Tobacco
- 3.12 New Crops and Minor Oilseeds
- 3.13 Fruit
- 3.14 Vegetable Crops
- 3.15 Plants to Enhance Man's Environment
- 3.16 Bees and Other Pollinating Insects

RESEARCH PROGRAM GROUP/RESEARCH PROGRAM

4.00 ANIMALS

- 4.01 Beef
- 4.02 Dairy
- 4.03 Poultry
- 4.04 Sheep
- 4.05 Swine
- 4.06 Other Animals
- 4.07 Aquatic Foods and Feedstuffs

5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS

- 5.01 Food and Nutrition
- 5.02 Food Safety
- 5.03 Rural Development and Quality of Family Living
- 5.04 Insects Affecting Man and His Belongings
- 5.05 Research on Administration of Research

6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME

- 6.01 Farm Adjustment, Prices and Income
- 6.02 Foreign Agricultural Trade and Economic Development
- 6.03 Marketing and Competition

7.00 GENERAL RESOURCE OR TECHNOLOGY

- 7.01 General Resource or Technology

9.00 UNCLASSIFIED

- 9.01 Unclassified

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

COMMODITY, RESOURCE OR TECHNOLOGY NOT
ASSOCIATED WITH SPECIFIC COMMODITIES

COMMODITIES OR RESOURCES

0100 Soil and Land
0200 Water
0300 Watersheds and River Basins
0400 Air and Climate
0500 Recreation Resources
0600 Trees, Forests and Forest Products (Excluding Edible Tree Nut
Crops (See 1015), and Tung (See 2560)
0700 Range
0800 Fish, Shellfish, Game and Fur-Bearing Animals and Other Wildlife
and their Habitats
0900 Citrus and Subtropical Fruit
1000 Deciduous and Small Fruits and Edible Tree Nuts
1100 Potatoes
1200 Vegetables
1300 Ornamentals and Turf
1400 Corn (Includes Popcorn). (For Sweetcorn, See 1280)
1500 Grain Sorghum
1600 Rice
1700 Wheat
1800 Other Small Grains
1900 Pasture
2000 Forage Crops
2100 Cotton (Including Cottonseed for Planting Purposes)
2200 Cottonseed (For Meal, Oil, etc.)
2300 Soybeans
2400 Peanuts
2500 Other Oilseed and Oil Crops (Excluding Cottonseed)
2600 Tobacco
2700 Sugar Crops
2800 Miscellaneous and New Crops
2900 Poultry
3000 Beef Cattle
3100 Dairy Cattle
3200 Swine
3300 Sheep and Wool
3400 Other Animals (See 0850 for Fur-Bearing Animals)
3500 Bees and Honey and Other Pollinating Insects
3600 General Purpose Supplies
Includes: Machinery, Equipment, Fertilizers, Feedstuffs, and
Pesticides
3700 Clothing and Textiles
3800 Food (Not Readily Associated with Specific Plant and Animal
Products)
3900 Structures and Facilities
4000 People as Individual Workers, Consumers and Members of Society
4100 The Family and Its Members
4200 The Farm as a Business Enterprise

COMMODITY OR RESOURCE

- 4300 Communities, Areas and Regions, including Counties and States and their Institutions and Organizations
- 4400 Agricultural Economy of United States and Sectors thereof, including interrelationships with the Total Economy
- 4500 Agricultural Economy of Foreign Countries and Sectors thereof, including Interrelationships with the Total Economy
- 4600 Farmer Cooperatives
- 4700 Marketing, Processing and Supply Firms other than Cooperatives
- 4800 Marketing Systems and Sectors thereof
- 6100 Weeds
- 6200 Seed Research
- 6300 Biological Cell Systems
- 6400 Experimental Design and Statistical Methods
- 6500 Invertebrates (Including Insects, Mites, Ticks, Snails, Slugs, and Leeches)
- 6600 Microorganisms, Viruses, Etc.
- 6700 Plants
- 6800 Animals (Vertebrates)
- 6900 Research on Research Management (Not Research Management per se)
- 7000 Research Equipment and Technology (Such as Remote Sensing)

RESEARCH PROBLEM AREAS (RPA'S)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water

- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources

- 111 Biology, Culture and Management of Forests and Timber-Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops

- 205 Control of Diseases and Nematodes of Fruit and Vegetable Crops
- 206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range

- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals
- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and Other Animals

- 213 Protect Livestock, Poultry and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects of Pollution

**GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS
AT DECREASING REAL PRODUCTION COSTS**

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
- 305 Mechanization of Fruit and Vegetable Crop Production

- 306 Production Management Systems for Fruits and Vegetables
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other Animals

- 311 Improvement of Biological Efficiency in Production of Livestock, Poultry
and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry and Other Animals
- 313 Production Management Systems for Livestock, Poultry and Other Animals

- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose Farm Supplies
and Equipment
- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of Livestock, Poultry and
Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

**GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY DEVELOPING
NEW AND IMPROVED PRODUCTS AND PROCESSES AND ENHANCING
PRODUCT QUALITY**

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
- 405 Production of Field Crops with Improved Acceptability

- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products from Field Crops

- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability

- 410 New and Improved Meat, Milk, Eggs, and Other Animal Food Products
- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standards--Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and Related Products
- 503 Efficiency in Marketing Agricultural Products and Production Inputs*
- 506 Supply, Demand and Price Analysis--Crop and Animal Products

- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power
- 511 Improvement in Agricultural Statistics

- 512 Improvement of Grades and Standards of Forest Products
- 513 Supply, Demand and Price Analysis--Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs
- 603 Technical Assistance to Developing Countries
- 604 Product Development and Marketing for Foreign Markets

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service

- 705 Selection and Care of Clothing and Household Textiles
- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People

*This RPA incorporates research formerly included under RPA's 503, 504, and 505.

GOAL VIII: (Continued)

- 805 Communication and Education Processes**
- 806 Individual and Family Adjustment to Change**
- 807 Structural Changes in Agriculture**
- 808 Government Programs to Balance Farm Output and Market Demand**

**GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY,
RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES**

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes**
- 902 Outdoor Recreation**
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs**
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife**

- 905 Trees to Enhance Rural and Urban Environment**
- 906 Culture and Protection of Ornamentals and Turf**
- 907 Improved Income Opportunities in Rural Communities**
- 908 Improvement of Rural Community Institutions and Services**

RESEARCH PROGRAM GROUP (RPG) 1.00 NATURAL RESOURCES

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1/</u> RPA	FORESTRY <u>2/</u> RPA
1.01 Soil and Land Use	0100, 6700	101-107	103,106, 105
	3900	--	--
1.02 Water and Watersheds	0200	102,103-108	102,103,104,106, 108
	0300	104,107,108,302,903	104,108,903
	3900	106,107	--
	6700	102,105	102,105
1.03 Recreation	0500, 0600	902,903	903
1.04 Environmental Quality	All Commodities	214,901	--
1.05 Weather Modification	All Commodities	109	109
1.06 Fish and Wildlife	0810,0830-0890,6500	410,903,904	410,903
1.07 Remote Sensing	All Commodities	113	113

1/ All research except that included under Forestry.

2/ All research performed by "Forest Service," by "Forestry Schools," funded by McIntire-Stennis," or designated Forestry by the Cooperative State Research Service.

NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1</u> / RPA	FORESTRY <u>2</u> / RPA
2.01 Inventory and Appraisal of Forestry Resources	0100	110	110
	0200	110	110
	0500	110	110
	0600	110	110,113,318
	0700	--	110
	0810,0820,0821,0822	110	110
	0830-0890	110	110
	6400	--	318
	7000	--	110,113
2.02 Timber Management	0600	111,301	111,301
	2000	--	307
	7000	--	111
2.03 Forest Protection	0600	201-203	201-203
	0700	--	203
	0800	203	203
2.04 Harvesting, Processing, Marketing of Forest Products	0300	--	302
	0600	302,303,401,502, 512,513	302,303,401,502, 512,513,604,801, 808
	3600	513	513
	3900	401,513	401,513,801
	7000	--	302
2.05 Forest Watersheds, Soils Pollution	0100	--	101,102,107,901
	0200	--	105,107,901
	0300	--	107,901
	0400	--	901
	0600	102,106,107	107,214,901,106
	0700	--	107

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RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY(Continued)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1/</u> RPA	FORESTRY <u>2/</u> RPA
2.06 Forest, Range, Wild- life and Fisheries	0600	904	904
	0700	--	112
Habitat Development	0810,0830-0890	--	904
	0820,0821,0822	--	904
2.07 Forest Recreation	0500	--	902
Aesthetics, Land- scape Values	0600,1391	--	902,905
	1000	--	906
	1391	--	906
2.08 Alternate Uses of Land	0100	--	104
	0200	--	104
	0300	--	903
	0500	--	903
	0600	903	903
	0700	--	903
	0810,0830-0890	--	903
	0820,0821,0822	--	903
2.09 Technical Assistance	0600	--	601,603
	4300	--	907

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NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 3.00 CROPS (FIELD AND HORTICULTURAL)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1</u> / RPA	FORESTRY <u>2</u> / RPA
3.01 Corn	1400	102,105,207-209,307-309,405-408,501	Same as Agricultural
3.02 Grain Sorghum	1500	Same as RP 3.01	Same as Agricultural
3.03 Wheat	1700	107 plus Above	Same as Agricultural
3.04 Other Small Grains	1800	Same as RP 3.01	Same as Agricultural
3.05 Rice	1600	Same as RP 3.01	Same as Agricultural
3.06 Soybeans	2300	106 plus RP 3.01	Same as Agricultural
3.07 Peanuts	2400	Same as RP 3.01	Same as Agricultural
3.08 Sugar	2700	Same as RP 3.01	Same as Agricultural
3.09 Forage, Pasture and Range	0700	102,107,110,112,203,207-209,307.903,904,	102,207-209,307,903,904
	1900	Same as RP 3.01	Same as Agricultural
	2000	Same as RP 3.01	105,207-209,308,309,405-408,501

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2/ All research performed by "Forest Service," by "Forestry Schools," funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service.

RESEARCH PROGRAM GROUP (RPG) 3.00 CROPS (FIELD AND HORTICULTURAL) (Continued)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
3.10 Cotton	2100	105,207-209,307-309, 405, 507,408,501,709	Same as Agricultural
	2200	308,309,405-408,501	Same as Agricultural
3.11 Tobacco	2600	207-209,307-309,405, 407,408,501,709	Same as Agricultural
3.12 New Crops and Minor Oilseeds	2500	Same as RP 3.01	Same as Agricultural
	2800	204-209,304-309,402- 408,501,709	Same as Agricultural
3.13 Fruit	0900	204-206,304-306,402- 404,501	Same as Agricultural
	1000	Same as above plus 102, 906	Same as Agricultural
3.14 Vegetable Crops	1100	106,204-206,304-306, 402-404,501	Same as Agricultural
	1200	102,103,204-206,304- 306,402-404,501	Same as Agricultural
3.15 Plants to Enhance Man's Environment	0600	905	Same as Agricultural
	1300, 1310, 1320, 1330	105, 905,906	Same as Agricultural
	1339		
	1391	905,106	--
3.16 Bees and Other Pollinating Insects	3500	314	Same as Agricultural

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NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 4.00 ANIMALS

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1/</u> RPA	FORESTRY <u>2/</u> RPA
4.01 Beef	3000	210-213,310-313, 317,409-412,501	Same as Agricultural
4.02 Dairy	3100	Same as RP 4.01	Same as Agricultural
4.03 Poultry	2900	Same as RP 4.01	Same as Agricultural
4.04 Sheep	3300	Same as RP 4.01	Same as Agricultural
4.05 Swine	3200	Same as RP 4.01	Same as Agricultural
4.06 Other Animals	3400	Same as RP 4.01	Same as Agricultural
4.07 Aquatic Foods and Feedstuffs	0820,0821,0822	410-412,501,903 904	Same as Agricultural

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RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1/</u> RPA	FORESTRY <u>2/</u> RPA
5.01 Food and Nutrition	3800	318,403-046,408- 410,412,501,703, 704,708	Same as Agricultural
	All Commodities	703,704,708	Same as Agricultural
5.02 Food Safety	3800	701,702	Same as Agricultural
	All Commodities	701,702	Same as Agricultural
5.03 Rural Development and Quality of Family Living	0600	801	Same as Agricultural
	3600	317,709	Same as Agricultural
	3700	705,709	Same as Agricultural
	3900	709,801	709
	4000	707,709,801-806 907	Same as Agricultural
	4100	707,801-806,907	Same as Agricultural
	4300	803,805,806,902, 907,908	803,805,806,908
5.04 Insects Affecting Man and his Belongings	All Commodities	706	Same as Agricultural
5.05 Research on Adminis- tration of Research	6900	114	Same as Agricultural

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RESEARCH PROGRAM GROUP (RPG) 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1/</u> RPA	FORESTRY <u>2/</u> RPA
6.01 Farm Adjustment, Prices and Income	All Commodities except 0600 0600	315,316,511,807, 808 808	315,316,511,807, 808 --
6.02 Foreign Agricultural Trade and Economic	All Commodities except 0600 0600	601-604 604	Same as Agricultural --
6.03 Marketing and Compe- tition	All Commodities	503,506-510	Same as Agricultural

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1/ All research except that included under Forestry.

2/ All research performed by "Forest Service," by "Forestry Schools," or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service.

NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 7.00 GENERAL RESOURCE OR TECHNOLOGY

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL <u>1/</u> RPA	FORESTRY <u>2/</u> RPA
7.01 General Resource or Technology	0600	318	Same as Agricultural
	3600	501	Same as Agricultural
	3900	317	Same as Agricultural
	6100	318	Same as Agricultural
	6200	304,307,318,501,408	Same as Agricultural
	6300	318	Same as Agricultural
	6400	318	--
	6500	318,211	Same as Agricultural
	6600	208,318,707	Same as Agricultural
	6700	204-209,304-309, 318,402-408,501	Same as Agricultural
	6800	210-213,310-313, 317,318,409-412, 501	Same as Agricultural
	7000	110,111,302,304, 311, 318	304,311,318

1/ All research except that included under Forestry.

2/ All research performed by "Forest Service," by "Forestry Schools, or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service.

NOTE: The designation "--" indicates no entry.

TABLE V-C NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	453.5	48.6	.0	1.1	503.2	801.0	22.9	1.5	825.4	1328.6
RPG 2.00: FOREST RESOURCES	6.3	.0	.0	950.4	956.7	403.3	.8	185.7	589.8	1546.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1360.9	4.4	.0	.0	1365.3	2469.0	36.2	.6	2505.7	3871.1
RPG 4.00: ANIMALS	444.8	2.4	.0	.0	447.2	1223.1	23.8	.1	1247.0	1694.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	355.4	64.4	.0	.0	419.8	633.4	58.1	.5	692.0	1111.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	101.9	336.3	21.1	.0	459.3	332.5	7.7	.0	340.2	799.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	274.2	.0	.0	.0	274.2	582.4	3.5	3.3	589.2	863.5
RPG 9.00: UNCLASSIFIED	.0	1.0	.0	.0	1.0	111.0	.0	16.9	127.9	128.9
GRAND TOTAL	2997.0	457.1	21.1	951.5	4426.7	6555.6	153.1	208.6	6917.3	11344.0

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	(PRIMARY)					FOREIGN				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.1	.0	.0	.0	6.1	.0	.0	.0	.0	6.1
RPG 2.00: FOREST RESOURCES	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	1.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	21.2	.0	.0	.0	21.2	.0	.0	.0	.0	21.2
RPG 4.00: ANIMALS	4.5	.0	.0	.0	4.5	.0	.0	.0	.0	4.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.0	.0	.0	.0	3.0	.0	.0	.0	.0	3.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	6.8	.0	.0	.0	6.8	.0	.0	.0	.0	6.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.8	.0	.0	.0	.8	.0	.0	.0	.0	.8
GRAND TOTAL	44.0	.0	.0	.0	44.0	.0	.0	.0	.0	44.0

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	(PRIMARY)					REGION 1 NORTHEAST REGION				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	94.7	29.1	.0	.0	123.8	127.0	1.7	.0	128.7	252.5
RPG 2.00: FOREST RESOURCES	4.7	.0	.0	112.2	116.9	72.9	.0	21.1	94.0	210.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	179.7	2.2	.0	.0	181.9	291.1	.9	.0	291.9	473.8
RPG 4.00: ANIMALS	190.7	.0	.0	.0	190.7	186.2	.7	.0	186.8	377.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	186.4	57.0	.0	.0	243.4	140.3	2.3	.3	142.9	386.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	35.1	285.4	19.7	.0	340.1	50.3	.1	.0	50.4	390.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	131.4	.0	.0	.0	131.4	83.9	.2	3.2	87.3	218.6
RPG 9.00: UNCLASSIFIED	.0	1.0	.0	.0	1.0	8.9	.0	12.2	21.1	22.1
GRAND TOTAL	822.6	374.7	19.7	112.2	1329.2	960.5	5.8	36.8	1003.1	2332.3

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	(PRIMARY)					REGION 2 SOUTHERN REGION				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	119.5	3.7	.0	.0	123.2	212.9	21.2	.0	234.2	357.4
RPG 2.00: FOREST RESOURCES	.0	.0	.0	223.4	223.4	152.9	.6	19.1	172.5	395.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	581.4	1.3	.0	.0	582.7	1022.1	34.2	.0	1056.3	1639.1
RPG 4.00: ANIMALS	88.5	.0	.0	.0	88.5	465.2	18.5	.1	483.8	572.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	70.7	6.2	.0	.0	76.9	156.1	44.1	.0	200.2	277.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	26.8	27.4	.0	.0	54.2	114.7	7.6	.0	122.4	176.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	51.7	.0	.0	.0	51.7	128.0	3.3	.0	131.4	183.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	59.2	.0	3.2	62.4	62.4
GRAND TOTAL	938.6	38.6	.0	223.4	1200.6	2311.2	129.7	22.3	2463.2	3663.8

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

NORTH CENTRAL REGION

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	87.5	8.8	.0	.0	96.3	222.3	.0	.3	222.7	319.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	245.6	245.6	93.3	.0	23.5	116.9	362.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	279.6	.9	.0	.0	280.5	560.7	1.0	.4	562.1	842.6
RPG 4.00: ANIMALS	102.1	1.2	.0	.0	103.3	350.4	4.6	.0	355.0	458.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	58.2	1.2	.0	.0	59.4	180.1	11.7	.2	192.0	251.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	10.9	15.5	1.4	.0	27.8	106.7	.0	.0	106.7	134.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	60.6	.0	.0	.0	60.6	174.6	.0	.0	174.6	235.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	38.2	.0	.0	38.2	38.2
GRAND TOTAL	598.9	27.6	1.4	245.6	873.5	1726.3	17.3	24.5	1768.1	2641.6

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

WESTERN REGION

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	145.6	7.0	.0	1.1	153.7	238.7	.0	1.2	239.9	393.6
RPG 2.00: FOREST RESOURCES	.0	.0	.0	369.2	369.2	84.3	.2	122.0	206.5	575.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	299.0	.0	.0	.0	299.0	595.2	.1	.2	595.4	894.4
RPG 4.00: ANIMALS	59.0	1.2	.0	.0	60.2	221.3	.0	.1	221.4	281.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	37.2	.0	.0	.0	37.2	156.9	.0	.0	156.9	194.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	22.3	8.0	.0	.0	30.3	60.7	.0	.0	60.7	91.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	29.8	.0	.0	.0	29.8	195.9	.0	.1	196.0	225.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	4.7	.0	1.5	6.2	6.2
GRAND TOTAL	592.9	16.2	.0	370.3	979.4	1557.6	.3	125.0	1682.9	2662.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	(PRIMARY)		FOREIGN			TOTAL
						SAES	OTH COOP INSTS	AUSTRALIA		CSRS/SAES TOTAL	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
GRAND TOTAL	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	(PRIMARY)		FOREIGN			TOTAL
						SAES	OTH COOP INSTS	ARGENTINA		CSRS/SAES TOTAL	
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	(PRIMARY)		FOREIGN			TOTAL
						SAES	OTH COOP INSTS	CANAL ZONE		CSRS/SAES TOTAL	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	(PRIMARY)		FOREIGN			TOTAL
						SAES	OTH COOP INSTS	EL SALVADOR		CSRS/SAES TOTAL	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.1	.0	.0	.0	2.1	.0	.0	.0	.0	.0	2.1
GRAND TOTAL	2.1	.0	.0	.0	2.1	.0	.0	.0	.0	.0	2.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN		
	RESEARCH PROGRAM GROUP SUMMARY					FRANCE				
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 2.00: FOREST RESOURCES	.6	.0	.0	.0	.6	.0	.0	.0	.0	.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.6	.0	.0	.0	.6	.0	.0	.0	.0	.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.8	.0	.0	.0	.8	.0	.0	.0	.0	.8
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM GROUP SUMMARY					ITALY						
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.2	.0	.0	.0	2.2	.0	.0	.0	.0	2.2	
GRAND TOTAL	2.2	.0	.0	.0	2.2	.0	.0	.0	.0	2.2	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN			
RESEARCH PROGRAM GROUP SUMMARY					JAMAICA					
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.5	.0	.0	.0	.5	.0	.0	.0	.0	.5
GRAND TOTAL	.5	.0	.0	.0	.5	.0	.0	.0	.0	.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM GROUP SUMMARY					JAPAN						
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 2.00: FOREST RESOURCES	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM GROUP SUMMARY					KENYA						
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 4.00: ANIMALS	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	1.1	
GRAND TOTAL	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	1.1	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM GROUP SUMMARY					NETHERLANDS						
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.3	.0	.0	.0	.3	.0	.0	.0	.0	.3	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	1.7	
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	2.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM GROUP SUMMARY					NIGERIA						
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4	
GRAND TOTAL	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM GROUP SUMMARY					PAKISTAN						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.3	.0	.0	.0	2.3	.0	.0	.0	.0	2.3	
GRAND TOTAL	2.3	.0	.0	.0	2.3	.0	.0	.0	.0	2.3	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)	FOREIGN					
RESEARCH PROGRAM GROUP SUMMARY								SAUDI ARABIA			
	ARS	ERS	FCS/SPS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAWS TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	6.1	.0	.0	.0	6.1	.0	.0	.0	.0	6.1	
GRAND TOTAL	6.1	.0	.0	.0	6.1	.0	.0	.0	.0	6.1	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN			
RESEARCH PROGRAM GROUP SUMMARY					SPAIN					
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN							
RESEARCH PROGRAM GROUP SUMMARY					TAIWAN									
					ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)					3.5	.0	.0	.0	3.5	.0	.0	.0	.0	3.5
GRAND TOTAL					3.5	.0	.0	.0	3.5	.0	.0	.0	.0	3.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			FOREIGN		
RESEARCH PROGRAM GROUP SUMMARY					TANZANIA					
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 4.00: ANIMALS	3.4	.0	.0	.0	3.4	.0	.0	.0	.0	3.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.9	.0	.0	.0	.9	.0	.0	.0	.0	.9
GRAND TOTAL	4.3	.0	.0	.0	4.3	.0	.0	.0	.0	4.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	(PRIMARY)					FOREIGN				TOTAL
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.6	.0	.0	.0	11.6	.0	.0	.0	.0	11.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.7	.0	.0	.0	3.7	.0	.0	.0	.0	3.7
GRAND TOTAL	15.3	.0	.0	.0	15.3	.0	.0	.0	.0	15.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		REGION 1			
RESEARCH PROGRAM GROUP SUMMARY						CONNECTICUT					
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	CONN NEW HAVEN	CONN STORRS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	7.3	3.9	.0	11.2	11.2	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	18.0	18.0	6.6	1.3	.0	7.9	25.9	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	20.0	2.5	.0	22.5	22.5	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	.7	13.9	.0	14.6	14.6	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	1.7	3.7	.0	5.5	5.5	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.0	2.1	.0	2.1	2.1	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.7	.4	.0	3.2	3.2	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	5.3	.0	5.3	5.3	
GRAND TOTAL	.0	.0	.0	18.0	18.0	39.1	33.1	.0	72.2	90.2	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 1			
RESEARCH PROGRAM GROUP SUMMARY					DELAWARE						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	3.1	1.0	.0	4.1	4.1	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	8.2	.1	.0	8.2	8.2	
RPG 4.00: ANIMALS	2.4	.0	.0	.0	2.4	3.9	.3	.0	4.1	6.5	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	2.2	.7	.0	2.9	2.9	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.0	.0	.0	.0	5.0	.1	.1	.0	.2	5.2	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5	
GRAND TOTAL	7.4	.0	.0	.0	7.4	22.4	2.1	.0	24.5	31.9	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE	V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)			REGION 1		
RESEARCH PROGRAM GROUP SUMMARY		DISTRICT OF COLUMBIA									
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	.0	25.7	.0	.0	25.7	.3	.0	.0	.3	26.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	8.8	2.2	.0	.0	11.0	.0	.0	.0	.0	11.0	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	55.1	.0	.0	55.1	.2	.0	.0	.2	55.3	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	281.7	19.7	.0	301.4	.2	.0	.0	.2	301.5	
GRAND TOTAL	8.8	364.7	19.7	.0	393.2	.6	.0	.0	.6	393.8	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 1

MAINE

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	2.3	.0	.0	.0	2.3	8.3	.0	.0	8.3	10.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	6.6	6.6	17.8	.0	.0	17.8	24.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.3	.0	.0	.0	5.3	14.8	.0	.0	14.8	20.1
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	9.4	.0	.0	9.4	9.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	7.5	.0	.0	6.6	14.1	63.1	.0	.0	63.1	77.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 1

MARYLAND

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	43.0	.0	.0	.0	43.0	7.2	.7	.0	7.9	50.9
RPG 2.00: FOREST RESOURCES	2.3	.0	.0	4.0	6.3	3.2	.0	.0	3.2	9.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	123.9	.0	.0	.0	123.9	23.8	.8	.0	24.6	148.5
RPG 4.00: ANIMALS	93.2	.0	.0	.0	93.2	22.6	.4	.0	23.0	116.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	106.7	.0	.0	.0	106.7	6.7	1.6	.0	8.3	115.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	35.1	.0	.0	.0	35.1	4.4	.1	.0	4.5	39.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	119.2	.0	.0	.0	119.2	4.3	.1	.0	4.4	123.5
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	523.4	.0	.0	4.0	527.4	72.6	3.7	.0	76.3	603.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 1

MASSACHUSETTS

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RPG 2.00: FOREST RESOURCES	2.4	.0	.0	6.0	8.4	4.5	.0	.0	4.5	12.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.6	.0	.0	.0	.6	13.1	.0	.0	13.1	13.7
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.0	.1	8.4	.0	.0	8.4	8.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	3.1	.0	.0	6.0	9.1	37.4	.0	.0	37.4	46.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)	REGION 1				
RESEARCH PROGRAM GROUP SUMMARY						NEW HAMPSHIRE					
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	.0	1.0	.0	.0	1.0	4.5	.0	.0	4.5	5.5	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	15.6	15.6	6.3	.0	.0	6.3	21.9	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	5.6	.0	.0	5.6	5.6	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.9	.0	.0	.9	2.3	.0	.0	2.3	3.2	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.8	.0	.0	.8	.8	.0	.0	.8	1.6	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1	
GRAND TOTAL	.0	2.7	.0	15.6	18.3	27.9	.0	.0	27.9	46.2	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C		STATE SUMMARY OF SCIENTIST-INARS FOR FY 1977				(PRIMARY)		REGION 1			
RESEARCH PROGRAM GROUP SUMMARY						NEW JERSEY					
		ARS	ERS	PCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00:	NATURAL RESOURCES	.0	.0	.0	.0	.0	22.2	.0	.0	22.2	22.2
RPG 2.00:	FOREST RESOURCES	.0	.0	.0	4.5	4.5	6.7	.0	.0	6.7	11.2
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	4.0	.0	.0	.0	4.0	29.5	.0	.0	29.5	33.5
RPG 4.00:	ANIMALS	.0	.0	.0	.0	.0	7.9	.0	.0	7.9	7.9
RPG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.0	.0	.0	1.0	27.8	.0	.0	27.8	28.8
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	8.5	.0	.0	8.5	8.5
RPG 9.00:	UNCLASSIFIED	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
GRAND TOTAL		4.0	1.0	.0	4.5	9.5	108.9	.0	.0	108.9	118.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE	V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)			REGION 1		TOTAL
		RESEARCH PROGRAM GROUP SUMMARY				NEW YORK					
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CSRS/SARS TOTAL	
RPG 1.00:	NATURAL RESOURCES	5.3	.0	.0	.0	5.3	25.6	1.6	.0	27.3	32.6
RPG 2.00:	FOREST RESOURCES	.0	.0	.0	1.8	1.8	3.8	.0	18.3	22.1	23.9
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	10.7	.0	.0	.0	10.7	44.8	58.6	.0	103.4	114.1
RPG 4.00:	ANIMALS	38.2	.0	.0	.0	38.2	69.5	.5	.0	70.0	108.2
RPG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	1.1	.0	.0	.0	1.1	46.5	4.7	.0	51.2	52.3
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	12.1	.0	.0	12.1	12.1
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.6	.0	.0	.0	3.6	42.2	3.8	3.2	49.2	52.8
RPG 9.00:	UNCLASSIFIED	.0	1.0	.0	.0	1.0	.0	.0	12.2	12.2	13.2
GRAND TOTAL		58.9	1.0	.0	1.8	61.7	244.5	69.2	33.7	347.4	409.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 1
PENNSYLVANIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	36.7	2.4	.0	.0	39.1	14.1	.0	.0	14.1	53.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	16.0	16.0	10.0	.0	.0	10.0	26.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.4	.0	.0	.0	26.4	43.9	.0	.0	43.9	70.4
RPG 4.00: ANIMALS	56.9	.0	.0	.0	56.9	26.4	.0	.0	26.4	83.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	78.4	.0	.0	.0	78.4	17.4	.0	.0	17.4	95.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.9	.0	.0	2.9	13.8	.0	.0	13.8	16.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.6	.0	.0	.0	3.6	11.6	.0	.0	11.6	15.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	202.0	5.3	.0	16.0	223.3	137.1	.0	.0	137.1	360.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 1
RHODE ISLAND

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	11.1	.0	.0	11.1	11.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	10.7	.0	.0	10.7	10.7
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	7.7	.0	.0	7.7	7.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	.0	.0	.0	.0	.0	38.3	.0	.0	38.3	38.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 1
VERMONT

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RPG 2.00: FOREST RESOURCES	.0	.0	.0	8.0	8.0	2.3	.0	2.8	5.1	13.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	4.6	.0	.3	4.9	4.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
GRAND TOTAL	.0	.0	.0	8.0	8.0	27.8	.0	3.1	30.9	38.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 1

WEST VIRGINIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	7.5	.0	.0	.0	7.5	7.0	.0	.0	7.0	14.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	31.7	31.7	6.7	.0	.0	6.7	38.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	9.8	.0	.0	9.8	9.8
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	8.4	.0	.0	8.4	8.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
GRAND TOTAL	7.5	.0	.0	31.7	39.2	38.5	.0	.0	38.5	77.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	ALABAMA TUSKEGEE	ALABAMA MORRIS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	9.3	.0	.0	.0	9.3	15.1	.1	.0	15.2	24.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.3	4.3	13.3	.0	.6	13.9	18.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.3	.0	.0	.0	2.3	49.1	1.6	5.4	56.1	58.4
RPG 4.00: ANIMALS	3.4	.0	.0	.0	3.4	48.4	4.6	2.0	55.0	58.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.8	.0	.0	.0	.8	7.0	1.9	.4	9.3	10.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.1	.0	.0	.0	1.1	4.7	.0	.0	4.7	5.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.7	.0	.0	.0	3.7	8.5	1.4	.2	10.0	13.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	9.6	.0	.0	9.6	9.6
GRAND TOTAL	20.6	.0	.0	4.3	24.9	155.6	9.6	8.6	173.8	198.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	1.0	.0	.0	1.0	11.2	.4	.0	11.6	12.6
RPG 2.00: FOREST RESOURCES	.0	.0	.0	3.0	3.0	6.2	.0	.0	6.2	9.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.0	.0	.0	.0	2.0	43.0	3.6	.0	46.6	48.6
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	19.0	1.9	.0	20.8	20.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	7.1	2.4	.0	9.5	9.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	1.1	.0	.0	1.1	6.3	.1	.0	6.4	7.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
GRAND TOTAL	2.0	2.1	.0	3.0	7.1	97.0	8.3	.0	105.3	112.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	7.3	.0	.0	.0	7.3	49.9	6.3	.0	56.2	63.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	15.0	15.0	14.2	.0	.0	14.2	29.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	60.9	.0	.0	.0	60.9	195.5	2.0	.0	197.5	258.4
RPG 4.00: ANIMALS	2.1	.0	.0	.0	2.1	51.5	1.6	.0	53.0	55.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	17.9	.0	.0	.0	17.9	17.7	3.6	.0	21.3	39.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	8.0	2.0	.0	.0	10.0	15.4	.0	.0	15.4	25.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	18.4	.0	.0	.0	18.4	24.2	.0	.0	24.2	42.5
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	114.5	2.0	.0	15.0	131.5	368.4	13.5	.0	381.9	513.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2
GEORGIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	19.8	1.0	.0	.0	20.8	12.1	1.1	.0	13.2	34.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	48.0	48.0	23.9	.0	.0	23.9	71.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	97.1	.0	.0	.0	97.1	80.1	4.1	.0	84.3	181.4
RPG 4.00: ANIMALS	25.2	.0	.0	.0	25.2	41.2	1.7	.0	42.9	68.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	18.9	1.0	.0	.0	19.9	11.6	3.9	.0	15.5	35.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	8.7	4.9	.0	.0	13.6	11.3	4.8	.0	16.1	29.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	12.2	.0	.0	.0	12.2	7.3	.9	.0	8.1	20.3
GRAND TOTAL	181.9	6.9	.0	48.0	236.8	187.5	16.4	.0	203.9	440.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2
KENTUCKY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	13.0	13.0	8.5	.0	.0	8.5	21.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.8	.0	.0	.0	11.8	33.3	.0	.0	33.3	45.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	24.2	.0	.0	24.2	24.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.0	.0	.0	1.0	15.5	10.6	.0	26.1	27.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.0	.2	5.1	.0	.0	5.1	5.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
GRAND TOTAL	12.0	1.0	.0	13.0	26.0	101.1	10.6	.0	111.7	137.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2
LOUISIANA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.2	.0	.0	.0	5.2	13.4	.5	.0	13.9	19.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	36.7	36.7	10.3	.0	3.6	13.9	50.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	155.3	.0	.0	.0	155.3	101.5	1.7	.0	103.2	258.5
RPG 4.00: ANIMALS	2.3	.0	.0	.0	2.3	55.3	1.8	.0	57.1	59.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	11.6	.0	.0	.0	11.6	12.8	1.9	.0	14.6	26.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.9	3.8	.0	.0	7.7	10.9	1.3	.0	12.2	19.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.5	.0	.0	.0	1.5	5.2	.2	.0	5.5	7.0
GRAND TOTAL	179.7	3.8	.0	36.7	220.2	209.4	7.4	3.6	220.4	440.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2

MISSISSIPPI

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	23.8	.7	.0	.0	24.5	9.9	.8	.0	10.7	35.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	37.5	37.5	23.3	.0	.0	23.3	60.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	80.4	1.3	.0	.0	81.7	65.9	.3	.0	66.2	147.8
RPG 4.00: ANIMALS	5.0	.0	.0	.0	5.0	34.0	.6	.0	34.6	39.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.0	1.0	.0	.0	3.0	7.7	3.3	.0	11.0	14.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	3.1	.0	.0	3.1	4.2	.0	.0	4.2	7.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	8.1	.0	.0	.0	8.1	2.8	.1	.0	2.8	11.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	119.3	6.1	.0	37.5	162.9	147.9	5.1	.0	153.0	315.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2

NORTH CAROLINA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.0	.0	.0	.0	5.0	17.4	3.2	.0	20.6	25.6
RPG 2.00: FOREST RESOURCES	.0	.0	.0	34.1	34.1	17.0	.0	.0	17.0	51.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	30.3	.0	.0	.0	30.3	93.7	.2	.0	93.9	124.3
RPG 4.00: ANIMALS	.6	.0	.0	.0	.6	35.0	2.0	.0	37.0	37.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.2	.1	.0	.0	2.3	13.4	2.4	.0	15.8	18.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	1.2	.0	.0	2.2	5.0	.6	.0	5.6	7.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.9	.0	.0	.0	1.9	21.9	.0	.0	21.9	23.9
GRAND TOTAL	41.0	1.3	.0	34.1	76.4	203.5	8.4	.0	211.9	288.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2

OKLAHOMA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	14.6	1.0	.0	.0	15.6	6.6	4.3	.0	10.9	26.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.5	.0	.0	.0	10.5	34.5	5.5	.0	40.0	50.5
RPG 4.00: ANIMALS	4.7	.0	.0	.0	4.7	24.2	.0	.0	24.2	28.9
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.8	.0	.0	1.8	8.5	1.8	.0	10.3	12.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	4.1	.0	.0	4.1	10.4	.0	.0	10.4	14.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	10.9	.0	.0	10.9	10.9
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	29.8	6.9	.0	.0	36.7	99.6	11.6	.0	111.2	147.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2
SOUTH CAROLINA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	3.6	.0	.0	.0	3.6	8.3	1.8	.0	10.1	13.7
RPG 2.00: FOREST RESOURCES	.0	.0	.0	17.2	17.2	.3	.0	10.0	10.3	27.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	28.9	.0	.0	.0	28.9	51.9	2.9	.0	54.8	83.7
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	21.5	.0	.1	21.5	21.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.0	.9	.0	.0	3.9	7.1	2.9	.0	9.9	13.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.0	.0	.0	2.0	4.6	.0	.0	4.6	6.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.1	.3	.0	3.4	3.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	1.0	.0	2.0	3.0	3.0
GRAND TOTAL	35.5	2.9	.0	17.2	55.6	97.8	7.8	12.0	117.6	173.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2
TENNESSEE

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.7	.0	.0	.0	.7	6.1	1.2	.0	7.3	8.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.0	4.0	8.0	.0	.0	8.0	12.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.9	.0	.0	.0	9.9	39.8	.4	.0	40.2	50.1
RPG 4.00: ANIMALS	2.2	.0	.0	.0	2.2	27.0	1.3	.0	28.3	30.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	4.0	.0	.0	.0	4.0	11.5	3.1	.0	14.6	18.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	6.2	.6	.0	6.8	6.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.4	.3	.0	2.7	2.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	16.8	.0	.0	4.0	20.8	101.0	6.9	.0	107.9	128.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 2
TEXAS

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	25.1	.0	.0	.0	25.1	37.3	1.0	.0	38.3	63.4
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.6	4.6	5.5	.0	5.5	11.0	15.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	78.6	.0	.0	.0	78.6	110.6	.6	.0	111.3	189.8
RPG 4.00: ANIMALS	43.1	.0	.0	.0	43.1	41.8	.1	.0	41.9	85.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	7.0	.0	.0	.0	7.0	11.1	1.8	.0	13.0	20.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	4.1	4.2	.0	.0	8.3	12.0	.2	.0	12.2	20.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.6	.0	.0	.0	5.6	8.3	.0	.0	8.3	13.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	45.6	.0	1.2	46.8	46.8
GRAND TOTAL	163.5	4.2	.0	4.6	172.3	272.3	3.8	6.7	282.8	455.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

					(PRIMARY)		REGION 2			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.4	.0	.0	.0	.4	14.7	.7	.0	15.4	15.8
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	17.7	.0	.0	17.7	17.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	8.5	.0	.0	.0	8.5	47.3	5.8	.0	53.1	61.6
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	35.2	1.0	.0	36.2	36.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.3	.4	.0	.0	.7	17.5	4.2	.0	21.7	22.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	1.0	.0	.0	1.0	7.3	.0	.0	7.3	8.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.1	.0	.0	.0	.1	21.9	.0	.0	21.9	22.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
GRAND TOTAL	9.3	1.4	.0	.0	10.7	162.3	11.7	.0	174.0	184.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

					(PRIMARY)		REGION 2			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.3	.0	.0	.0	4.3	6.4	.0	.0	6.4	10.7
RPG 2.00: FOREST RESOURCES	.0	.0	.0	6.0	6.0	.0	.0	.0	.0	6.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.0	.0	.0	.0	5.0	73.4	.0	.0	73.4	78.4
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.0	.0	.0	.0	3.0	7.7	.0	.0	7.7	10.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
GRAND TOTAL	12.3	.0	.0	6.0	18.3	103.4	.0	.0	103.4	121.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

					(PRIMARY)		REGION 2			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.4	.0	.0	.0	.4	4.5	.0	.0	4.5	4.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 3			
RESEARCH PROGRAM GROUP SUMMARY					ALASKA						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	.6	.0	.0	.0	.6	2.0	.0	.0	2.0	2.6	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	15.9	15.9	.0	.0	1.0	1.0	16.9	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.3	.0	.0	.0	4.3	4.1	.0	.0	4.1	8.4	
RPG 4.00: ANIMALS	.3	.0	.0	.0	.3	1.4	.0	.0	1.4	1.7	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.9	.0	.0	.0	.9	2.1	.0	.0	2.1	3.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	6.1	.0	.0	15.9	22.0	10.3	.0	1.0	11.3	33.3	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 3			
RESEARCH PROGRAM GROUP SUMMARY					ILLINOIS						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	21.6	.0	.0	.0	21.6	24.7	.0	.3	25.1	46.7	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	12.8	12.8	7.0	.0	3.8	10.8	23.6	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	108.7	.0	.0	.0	108.7	54.3	.0	.0	54.3	163.0	
RPG 4.00: ANIMALS	3.3	.0	.0	.0	3.3	36.4	.0	.0	36.4	39.6	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	34.5	.0	.0	.0	34.5	15.7	.0	.2	15.8	50.3	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.4	4.6	.0	.0	6.0	14.9	.0	.0	14.9	20.9	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	21.7	.0	.0	.0	21.7	10.3	.0	.0	10.3	32.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5	
GRAND TOTAL	91.2	4.6	.0	12.8	208.6	163.7	.0	4.3	168.0	376.6	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 3			
RESEARCH PROGRAM GROUP SUMMARY					INDIANA						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RPG 1.00: NATURAL RESOURCES	5.0	.0	.0	.0	5.0	21.0	.0	.0	21.0	26.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	12.4	.0	.0	12.4	12.4	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.0	.0	.0	.0	10.0	49.3	.0	.0	49.3	59.3	
RPG 4.00: ANIMALS	2.4	.0	.0	.0	2.4	32.8	.0	.0	32.8	35.2	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.2	.0	.0	.0	.2	13.8	.0	.0	13.8	14.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.1	.0	.0	2.1	13.8	.0	.0	13.8	15.9	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.2	.0	.0	.0	2.2	32.0	.0	.0	32.0	34.2	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4	
GRAND TOTAL	19.8	2.1	.0	.0	21.9	176.5	.0	.0	176.5	198.4	

● TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

IOWA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	2.1	.7	.0	.0	2.8	20.0	.0	.0	20.0	22.8
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	15.8	.0	.0	.0	15.8	35.6	.0	.0	35.6	51.4
RPG 4.00: ANIMALS	56.1	.0	.0	.0	56.1	24.6	.0	.0	24.6	80.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.0	.1	14.9	.0	.0	14.9	15.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.7	.0	.0	.0	1.7	6.6	.0	.0	6.6	8.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.0	.0	.0	.0	3.0	6.2	.0	.0	6.2	9.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
GRAND TOTAL	78.8	.7	.0	.0	79.5	116.6	.0	.0	116.6	196.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

KANSAS

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.1	.0	.0	.0	5.1	20.0	.0	.0	20.0	25.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	24.7	.9	.0	.0	25.6	67.6	.0	.0	67.6	93.2
RPG 4.00: ANIMALS	.2	.0	.0	.0	.2	39.6	.0	.0	39.6	39.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.4	.0	.0	.0	1.4	15.5	.0	.0	15.5	16.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.7	2.1	.0	.0	5.8	10.8	.0	.0	10.8	16.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.1	.0	.0	.0	.1	13.2	.0	.0	13.2	13.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	14.4	.0	.0	14.4	14.4
GRAND TOTAL	35.2	3.0	.0	.0	38.2	185.6	.0	.0	185.6	223.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

MICHIGAN

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	MICHIGAN ANN ARBOR	MICHIGAN HOUGHTON	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.1	1.0	.0	.0	1.1	24.0	.0	.0	24.0	25.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	19.1	19.1	9.5	4.9	13.9	28.3	47.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.6	.0	.0	.0	11.6	52.6	.4	.0	53.0	64.5
RPG 4.00: ANIMALS	10.0	.0	.0	.0	10.0	32.0	.0	.0	32.0	42.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	18.6	.0	.0	18.6	18.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.5	.0	.0	.5	9.9	.0	.0	9.9	10.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	21.7	.0	.0	21.7	21.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	21.7	1.5	.0	19.1	42.3	168.3	5.3	13.9	187.5	229.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

MINNESOTA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	16.4	.0	.0	.0	16.4	17.7	.0	.0	17.7	34.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	34.8	34.8	22.0	.0	.0	22.0	56.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.9	.0	.0	.0	14.9	51.5	.0	.0	51.5	66.4
RPG 4.00: ANIMALS	.1	.0	.0	.0	.1	29.3	.0	.0	29.3	29.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.5	.1	.0	.0	.6	27.4	.0	.0	27.4	28.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.9	1.9	1.4	.0	5.2	5.9	.0	.0	5.9	11.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.6	.0	.0	.0	.6	14.2	.0	.0	14.2	14.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
GRAND TOTAL	34.3	2.0	1.4	34.8	72.5	168.0	.0	.0	168.0	240.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

MISSOURI

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	9.0	.0	.0	.0	9.0	10.5	.0	.0	10.5	19.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	6.0	6.0	10.8	.0	.0	10.8	16.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.1	.0	.0	.0	14.1	39.1	1.0	.0	40.1	54.2
RPG 4.00: ANIMALS	4.7	.0	.0	.0	4.7	26.2	4.6	.0	30.8	35.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	1.0	.0	.0	1.1	10.7	11.7	.0	22.4	23.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.7	1.1	.0	.0	1.8	10.2	.0	.0	10.2	12.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	8.1	.0	.0	.0	8.1	8.8	.0	.0	8.8	16.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	36.7	2.1	.0	6.0	44.8	116.7	17.3	.0	134.0	178.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

NEBRASKA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	11.3	2.6	.0	.0	13.9	13.3	.0	.0	13.3	27.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.0	4.0	2.0	.0	.0	2.0	6.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.0	.0	.0	.0	12.0	49.5	.0	.0	49.5	61.5
RPG 4.00: ANIMALS	23.5	1.2	.0	.0	24.7	34.6	.0	.0	34.6	59.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.0	.1	15.0	.0	.0	15.0	15.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.6	2.3	.0	.0	2.9	8.3	.0	.0	8.3	11.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.0	.2	9.6	.0	.0	9.6	9.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	12.0	.0	.0	12.0	12.0
GRAND TOTAL	47.7	6.1	.0	4.0	57.8	144.2	.0	.0	144.2	202.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

NORTH DAKOTA

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	9.7	1.5	.0	.0	11.2	21.7	.0	.0	21.7	32.9
RPG 2.00: FOREST RESOURCES	.0	.0	.0	3.0	3.0	.7	.0	.0	.7	3.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	18.9	.0	.0	.0	18.9	50.9	.0	.0	50.9	69.8
RPG 4.00: ANIMALS	.5	.0	.0	.0	.5	12.6	.0	.0	12.6	13.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	20.3	.1	.0	.0	20.4	5.7	.0	.0	5.7	26.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	17.0	.0	.0	.0	17.0	18.3	.0	.0	18.3	35.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	66.4	1.6	.0	3.0	71.0	115.7	.0	.0	115.7	186.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

OHIO

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OHIO ALLIANCE	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.7	.0	.0	.0	6.7	15.7	.0	.0	15.7	22.3
RPG 2.00: FOREST RESOURCES	.0	.0	.0	26.0	26.0	6.9	.0	.0	6.9	32.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	17.3	.0	.0	.0	17.3	45.3	.0	.0	45.3	62.6
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	31.3	.0	.0	31.3	31.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.0	.0	.0	.0	1.0	11.0	.0	.0	11.0	12.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.7	.0	.0	.0	2.7	3.6	.0	.0	3.6	6.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	27.6	.0	.0	26.0	53.6	117.8	.0	.0	117.8	171.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 3

SOUTH DAKOTA

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	11.6	.0	.0	11.6	11.6
RPG 2.00: FOREST RESOURCES	.0	.0	.0	7.0	7.0	1.8	.0	.0	1.8	8.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.5	.0	.0	.0	12.5	18.7	.0	.0	18.7	31.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	21.5	.0	.0	21.5	21.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.9	.0	.0	.9	4.1	.0	.0	4.1	5.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.0	.2	11.7	.0	.0	11.7	12.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
GRAND TOTAL	12.7	.9	.0	7.0	20.6	81.8	.0	.0	81.8	102.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 3

RESEARCH PROGRAM GROUP SUMMARY

WISCONSIN

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	3.0	.0	.0	3.0	20.1	.0	.0	20.1	23.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	117.0	117.0	11.5	.0	.0	11.5	128.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.9	.0	.0	.0	14.9	42.3	.0	.0	42.3	57.2
RPG 4.00: ANIMALS	1.0	.0	.0	.0	1.0	28.3	.0	.0	28.3	29.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	23.7	.0	.0	23.7	23.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	10.3	.0	.0	10.3	10.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.8	.0	.0	.0	4.8	25.0	.0	.0	25.0	29.8
GRAND TOTAL	20.7	3.0	.0	117.0	140.7	161.2	.0	.0	161.2	301.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)			REGION 4		
	RESEARCH PROGRAM GROUP SUMMARY				ARIZONA					
	ARS	ERS	PFS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	20.5	2.6	.0	1.1	24.2	22.0	.0	.0	22.0	46.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	29.9	29.9	4.7	.0	3.2	7.9	37.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	40.7	.0	.0	.0	40.7	49.8	.0	.0	49.8	90.5
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	16.5	.0	.0	16.5	16.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	14.1	.0	.0	14.1	14.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	7.4	.0	.0	7.4	7.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
GRAND TOTAL	61.2	2.6	.0	31.0	94.8	124.5	.0	3.2	127.7	222.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE	V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 4			
RESEARCH PROGRAM GROUP SUMMARY						CALIFORNIA					
		ARS	ERS	PFS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00:	NATURAL RESOURCES	47.5	.0	.0	.0	47.5	75.9	.0	.0	75.9	123.3
RPG 2.00:	FOREST RESOURCES	.0	.0	.0	69.4	69.4	42.2	.0	.5	42.7	112.1
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	107.3	.0	.0	.0	107.3	187.0	.0	.2	187.2	294.5
RPG 4.00:	ANIMALS	30.2	.0	.0	.0	30.2	45.5	.0	.0	45.5	75.7
RPG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	33.2	.0	.0	.0	33.2	70.7	.0	.0	70.7	103.9
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	18.0	3.9	.0	.0	21.9	10.7	.0	.0	10.7	32.6
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	21.4	.0	.0	.0	21.4	115.3	.0	.0	115.3	136.7
RPG 9.00:	UNCLASSIFIED	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
GRAND TOTAL		257.6	3.9	.0	69.4	330.9	548.3	.0	.6	548.9	879.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

TABLE V-C		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 4			
RESEARCH PROGRAM GROUP SUMMARY								COLORADO			
		ARS	ERS	PFS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00:	NATURAL RESOURCES	25.9	3.3	.0	.0	29.2	47.1	.0	.1	47.2	76.4
RPG 2.00:	FOREST RESOURCES	.0	.0	.0	46.0	46.0	1.6	.0	3.6	5.2	51.2
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	10.6	.0	.0	.0	10.6	46.6	.1	.0	46.7	57.3
RPG 4.00:	ANIMALS	7.8	.0	.0	.0	7.8	33.2	.0	.0	33.2	41.0
RPG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	9.1	.0	.0	9.1	9.1
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.2	.0	.0	2.2	6.2	.0	.0	6.2	8.4
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.2	.0	.0	.0	4.2	16.7	.0	.0	16.7	20.9
RPG 9.00:	UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL		48.5	5.5	.0	46.0	100.0	160.4	.1	3.7	164.2	264.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

HAWAII

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	9.2	.0	.0	9.2	9.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	11.0	11.0	2.9	.0	.0	2.9	13.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.0	.0	.0	.0	14.0	54.0	.0	.0	54.0	68.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	11.6	.0	.0	11.6	11.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.4	.0	.0	.0	.4	5.2	.0	.0	5.2	5.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
GRAND TOTAL	14.4	.0	.0	11.0	25.4	95.1	.0	.0	95.1	120.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

IDAHO

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	22.1	.0	.0	.0	22.1	9.2	.0	.0	9.2	31.3
RPG 2.00: FOREST RESOURCES	.0	.0	.0	23.0	23.0	2.2	.0	24.9	27.1	50.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.9	.0	.0	.0	6.9	38.1	.0	.0	38.1	44.9
RPG 4.00: ANIMALS	5.0	.0	.0	.0	5.0	12.8	.0	.1	12.8	17.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.5	.0	.1	3.6	3.6
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0	.5	1.1	1.1
GRAND TOTAL	34.0	.0	.0	23.0	57.0	76.4	.0	25.6	102.0	159.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

MONTANA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	7.2	.0	.0	.0	7.2	16.6	.0	.0	16.6	23.8
RPG 2.00: FOREST RESOURCES	.0	.0	.0	53.6	53.6	.2	.0	4.5	4.7	58.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.4	.0	.0	.0	12.4	30.4	.0	.0	30.4	42.8
RPG 4.00: ANIMALS	5.4	.0	.0	.0	5.4	9.7	.0	.0	9.7	15.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
GRAND TOTAL	25.0	.0	.0	53.6	78.6	65.3	.0	4.5	69.8	148.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

NEVADA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.1	.0	.0	.0	.1	4.1	.0	.0	4.1	4.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	2.0	2.0	3.4	.0	.0	3.4	5.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.8	.0	.0	.0	4.8	8.9	.0	.0	8.9	13.7
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	10.5	.0	.0	10.5	10.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	4.9	.0	.0	2.0	6.9	34.7	.0	.0	34.7	41.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

NEW MEXICO

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	3.7	.0	.0	.0	3.7	8.0	.0	.0	8.0	11.7
RPG 2.00: FOREST RESOURCES	.0	.0	.0	3.0	3.0	5.0	.0	.0	5.0	8.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.0	.0	.0	.0	9.0	43.2	.0	.0	43.2	52.2
RPG 4.00: ANIMALS	1.4	.0	.0	.0	1.4	11.0	.0	.0	11.0	12.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
GRAND TOTAL	14.0	.0	.0	3.0	17.0	80.9	.0	.0	80.9	97.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

OREGON

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.7	1.1	.0	.0	7.8	17.8	.0	1.1	18.9	26.7
RPG 2.00: FOREST RESOURCES	.0	.0	.0	80.1	80.1	3.8	.0	40.0	43.8	123.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	19.2	.0	.0	.0	19.2	49.8	.0	.0	49.8	69.0
RPG 4.00: ANIMALS	.4	1.2	.0	.0	1.6	23.8	.0	.0	23.8	25.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	13.4	.0	.0	13.4	13.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.8	.0	.0	.8	3.2	.0	.0	3.2	4.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.4	.0	.0	.0	.4	22.5	.0	.0	22.5	22.9
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0
GRAND TOTAL	26.7	3.1	.0	80.1	109.9	134.3	.0	42.1	176.4	286.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

UTAH

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	31.0	31.0	4.1	.2	.0	4.3	35.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.6	.0	.0	.0	14.6	13.7	.0	.0	13.7	28.3
RPG 4.00: ANIMALS	6.6	.0	.0	.0	6.6	18.1	.0	.0	18.1	24.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.9	.0	.0	.0	.9	7.7	.0	.0	7.7	8.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.8	.0	.0	.0	.8	4.1	.0	.0	4.1	4.9
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
GRAND TOTAL	22.9	.0	.0	31.0	53.9	61.4	.2	.0	61.6	115.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

WASHINGTON

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	9.8	.0	.0	.0	9.8	12.1	.0	.0	12.1	22.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	14.7	14.7	10.3	.0	45.3	55.6	70.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	52.7	.0	.0	.0	52.7	62.0	.0	.0	62.0	114.7
RPG 4.00: ANIMALS	2.0	.0	.0	.0	2.0	18.3	.0	.0	18.3	20.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.1	.0	.0	.0	3.1	10.9	.0	.0	10.9	13.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.9	1.1	.0	.0	5.0	6.2	.0	.0	6.2	11.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.1	.0	.0	.0	3.1	7.7	.0	.0	7.7	10.7
GRAND TOTAL	74.6	1.1	.0	14.7	90.4	127.4	.0	45.3	172.7	263.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

WYOMING

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	2.1	.0	.0	.0	2.1	6.6	.0	.0	6.6	8.7
RPG 2.00: FOREST RESOURCES	.0	.0	.0	5.5	5.5	3.8	.0	.0	3.8	9.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.7	.0	.0	.0	6.7	10.2	.0	.0	10.2	16.9
RPG 4.00: ANIMALS	.3	.0	.0	.0	.3	13.9	.0	.0	13.9	14.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
GRAND TOTAL	9.1	.0	.0	5.5	14.6	47.1	.0	.0	47.1	61.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

REGION 4

GUAM

	ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	105.5	19.8	.0	.0	125.3	274.6	3.0	.0	277.6	402.9
RP 1.02: WATER & WATERSHEDS	173.7	8.5	.0	1.1	183.3	124.7	.0	.1	124.9	308.2
RP 1.03: RECREATION	.0	.0	.0	.0	.0	26.9	.8	.0	27.7	27.7
RP 1.04: ENVIRONMENTAL QUALITY	164.5	20.3	.0	.0	184.8	272.2	17.9	.3	290.4	475.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	4.0	.0	.0	.0	4.0	33.8	.4	1.1	35.3	39.2
RP 1.06: FISH & WILDLIFE	.8	.0	.0	.0	.8	62.8	.8	.0	63.6	64.4
RP 1.07: REMOTE SENSING	5.0	.0	.0	.0	5.0	6.0	.0	.0	6.0	11.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	57.6	57.6	22.4	.0	8.8	31.2	88.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	219.3	219.3	107.3	.6	45.3	153.3	372.5
RP 2.03: FOREST PROTECTION	6.3	.0	.0	239.6	245.9	87.8	.2	13.8	101.8	347.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	198.7	198.7	97.0	.0	48.3	145.3	344.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	128.7	128.7	27.5	.0	34.9	62.3	191.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	65.7	65.7	24.6	.0	20.5	45.1	110.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	19.4	19.4	21.0	.0	9.6	30.6	50.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	18.5	18.5	15.2	.0	3.9	19.1	37.6
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	3.0	3.0	.5	.0	.6	1.1	4.1
RP 3.01: CORN	88.1	.3	.0	.0	88.4	162.3	.2	.0	162.5	250.9
RP 3.02: GRAIN SORGHUM	21.1	.2	.0	.0	21.3	50.0	.0	.0	50.0	71.2
RP 3.03: WHEAT	92.6	.3	.0	.0	92.9	129.1	.6	.0	129.6	222.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	35.7	.2	.0	.0	35.9	71.0	5.9	.0	76.9	112.8
RP 3.05: RICE	17.3	.2	.0	.0	17.5	35.2	.0	.0	35.2	52.8
RP 3.06: SOYBEANS	95.2	.8	.0	.0	96.0	188.0	9.1	.4	197.4	293.5
RP 3.07: PEANUTS	26.2	.0	.0	.0	26.2	41.3	2.8	.0	44.1	70.3
RP 3.08: SUGAR	52.9	.0	.0	.0	52.9	53.8	.0	.0	53.8	106.8
RP 3.09: FORAGE, RANGE, & PASTURE	153.1	.1	.0	.0	153.2	330.6	.3	.0	330.9	484.0
RP 3.10: COTTON	272.3	2.4	.0	.0	274.7	126.5	6.0	.0	132.5	407.2
RP 3.11: TOBACCO	49.5	.0	.0	.0	49.5	60.5	.2	.0	60.7	110.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	56.1	.0	.0	.0	56.1	39.7	.0	.0	39.7	95.8
RP 3.13: FRUIT	182.5	.0	.0	.0	182.5	462.4	1.8	.0	464.2	646.8
RP 3.14: VEGETABLE CROPS	140.2	.0	.0	.0	140.2	485.2	9.0	.0	494.2	634.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	45.9	.0	.0	.0	45.9	215.4	.4	.2	215.9	261.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	32.1	.0	.0	.0	32.1	17.8	.0	.0	17.8	49.9
RP 4.01: BEEF	149.7	2.4	.0	.0	152.1	353.1	6.1	.1	359.2	511.3
RP 4.02: DAIRY	98.4	.0	.0	.0	98.4	282.6	2.0	.0	284.6	383.0
RP 4.03: POULTRY	71.0	.0	.0	.0	71.0	223.1	4.9	.1	228.1	299.1
RP 4.04: SHEEP	55.8	.0	.0	.0	55.8	74.7	1.1	.0	75.8	131.7

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 4.05: SWINE	53.9	.0	.0	.0	53.9	137.6	5.9	.0	143.5	197.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	15.8	.0	.0	.0	15.8	85.4	1.3	.0	86.7	102.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.0	.1	66.6	2.5	.0	69.0	69.2
RP 5.01: FOOD & NUTRITION	170.6	12.5	.0	.0	183.1	175.3	35.2	.0	210.5	393.6
RP 5.02: FOOD SAFETY	134.9	.0	.0	.0	134.9	112.7	2.1	.0	114.8	249.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	20.2	51.9	.0	.0	72.1	292.9	20.8	.5	314.2	386.3
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	29.8	.0	.0	.0	29.8	41.6	.0	.0	41.6	71.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	10.8	.0	.0	10.8	10.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	8.2	74.7	.0	.0	82.9	128.2	5.9	.0	134.1	217.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	37.6	80.7	.0	.0	118.3	32.7	.0	.0	32.7	151.0
RP 6.03: MARKETING & COMPETITION	56.1	180.9	21.1	.0	258.1	171.6	1.8	.0	173.4	431.4
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	274.2	.0	.0	.0	274.2	582.4	3.5	3.3	589.2	863.5
RP 9.01: UNCLASSIFIED	.0	1.0	.0	.0	1.0	111.0	.0	16.9	127.9	128.9
GRAND TOTAL	2997.0	457.1	21.1	951.5	4426.7	6555.6	153.1	208.6	6917.3	11344.0

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

FOREIGN

RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.02: WATER & WATERSHEDS	6.1	.0	.0	.0	6.1	.0	.0	.0	.0	6.1
RP 2.03: FOREST PROTECTION	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	1.6
RP 3.02: GRAIN SORGHUM	.7	.0	.0	.0	.7	.0	.0	.0	.0	.7
RP 3.03: WHEAT	.7	.0	.0	.0	.7	.0	.0	.0	.0	.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 3.05: RICE	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.06: SOYBEANS	.5	.0	.0	.0	.5	.0	.0	.0	.0	.5
RP 3.07: PEANUTS	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.08: SUGAR	.5	.0	.0	.0	.5	.0	.0	.0	.0	.5
RP 3.09: FORAGE, RANGE, & PASTURE	2.6	.0	.0	.0	2.6	.0	.0	.0	.0	2.6
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	7.4	.0	.0	.0	7.4	.0	.0	.0	.0	7.4
RP 3.13: FRUIT	2.3	.0	.0	.0	2.3	.0	.0	.0	.0	2.3
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	.0	4.8	.0	.0	.0	.0	4.8
RP 4.01: BEEF	2.4	.0	.0	.0	2.4	.0	.0	.0	.0	2.4
RP 4.02: DAIRY	2.2	.0	.0	.0	2.2	.0	.0	.0	.0	2.2
RP 4.05: SWINE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.9	.0	.0	.0	.9	.0	.0	.0	.0	.9
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	2.1	.0	.0	.0	2.1	.0	.0	.0	.0	2.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	6.8	.0	.0	.0	6.8	.0	.0	.0	.0	6.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.8	.0	.0	.0	.8	.0	.0	.0	.0	.8
GRAND TOTAL	44.0	.0	.0	.0	44.0	.0	.0	.0	.0	44.0

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 1

RESEARCH PROGRAM SUMMARY

NORTHEAST REGION

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAHS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAHS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	16.7	14.6	.0	.0	31.3	34.0	.3	.0	34.3	65.6
RP 1.02: WATER & WATERSHEDS	17.3	4.1	.0	.0	21.5	6.2	.0	.0	6.2	27.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	8.2	.0	.0	8.2	8.2
RP 1.04: ENVIRONMENTAL QUALITY	59.7	10.4	.0	.0	70.1	61.4	.8	.0	62.2	132.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 1.06: FISH & WILDLIFE	.1	.0	.0	.0	.1	13.9	.6	.0	14.5	14.6
RP 1.07: REMOTE SENSING	.9	.0	.0	.0	.9	.8	.0	.0	.8	1.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	7.0	7.0	3.1	.0	.3	3.4	10.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	30.0	30.0	15.2	.0	3.2	18.4	48.4
RP 2.03: FOREST PROTECTION	4.7	.0	.0	20.5	25.2	20.1	.0	3.1	23.2	48.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	26.0	26.0	13.4	.0	9.3	22.7	48.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	10.4	10.4	5.9	.0	1.2	7.1	17.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	6.8	6.8	4.1	.0	2.8	6.9	13.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	8.6	8.6	4.5	.0	.7	5.2	13.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	6.5	.0	.5	7.0	7.0
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	3.0	3.0	.0	.0	.1	.1	3.1
RP 3.01: CORN	5.0	.1	.0	.0	5.1	22.4	.0	.0	22.4	27.5
RP 3.02: GRAIN SORGHUM	.2	.0	.0	.0	.2	.1	.0	.0	.1	.4
RP 3.03: WHEAT	6.2	.1	.0	.0	6.3	2.2	.0	.0	2.2	8.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	4.8	.1	.0	.0	4.8	2.1	.0	.0	2.1	6.9
RP 3.05: RICE	.6	.0	.0	.0	.6	.0	.0	.0	.0	.6
RP 3.06: SOYBEANS	13.7	.5	.0	.0	14.1	8.6	.8	.0	9.4	23.5
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.08: SUGAR	3.0	.0	.0	.0	3.0	.0	.0	.0	.0	3.0
RP 3.09: FORAGE, RANGE, & PASTURE	23.6	.0	.0	.0	23.6	25.0	.1	.0	25.0	48.7
RP 3.10: COTTON	3.0	1.4	.0	.0	4.4	.3	.0	.0	.3	4.7
RP 3.11: TOBACCO	10.6	.0	.0	.0	10.6	7.5	.0	.0	7.5	18.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.4	.0	.0	.0	8.4	1.4	.0	.0	1.4	9.8
RP 3.13: FRUIT	29.9	.0	.0	.0	29.9	94.3	.0	.0	94.3	124.2
RP 3.14: VEGETABLE CROPS	38.5	.0	.0	.0	38.5	89.2	.0	.0	89.2	127.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	25.5	.0	.0	.0	25.6	35.2	.0	.0	35.2	60.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	6.7	.0	.0	.0	6.7	2.7	.0	.0	2.7	9.4
RP 4.01: BEEF	67.9	.0	.0	.0	67.9	16.1	.0	.0	16.1	84.0
RP 4.02: DAIRY	60.7	.0	.0	.0	60.7	53.8	.1	.0	53.9	114.6
RP 4.03: POULTRY	20.1	.0	.0	.0	20.1	55.0	.2	.0	55.2	75.3
RP 4.04: SHEEP	11.9	.0	.0	.0	11.9	9.1	.0	.0	9.1	21.0

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 1				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 4.05: SWINE	25.4	.0	.0	.0	25.4	8.5	.0	.0	8.5	33.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.6	.0	.0	.0	4.6	31.6	.0	.0	31.6	36.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.0	.1	12.1	.4	.0	12.5	12.6
RP 5.01: FOOD & NUTRITION	130.4	12.5	.0	.0	142.9	37.0	.5	.0	37.5	180.4
RP 5.02: FOOD SAFETY	45.7	.0	.0	.0	45.7	26.4	.1	.0	26.5	72.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	5.8	44.5	.0	.0	50.3	63.0	1.7	.3	65.0	115.3
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	4.4	.0	.0	.0	4.4	13.9	.0	.0	13.9	18.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.7	59.5	.0	.0	63.2	16.8	.1	.0	16.9	80.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.6	80.7	.0	.0	85.3	8.2	.0	.0	8.2	93.5
RP 6.03: MARKETING & COMPETITION	26.8	145.2	19.7	.0	191.6	25.3	.0	.0	25.3	217.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	131.4	.0	.0	.0	131.4	83.9	.2	3.2	87.3	218.6
RP 9.01: UNCLASSIFIED	.0	1.0	.0	.0	1.0	8.9	.0	12.2	21.1	22.1
GRAND TOTAL	822.6	374.7	19.7	112.2	1329.2	960.5	5.8	36.8	1003.1	2332.3

TABLE V-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

SOUTHERN REGION

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	24.6	1.0	.0	.0	25.6	75.9	2.8	.0	78.7	104.3
RP 1.02: WATER & WATERSHEDS	58.4	1.0	.0	.0	59.4	30.7	.0	.0	30.7	90.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	5.7	.8	.0	6.5	6.5
RP 1.04: ENVIRONMENTAL QUALITY	32.5	1.7	.0	.0	34.2	74.5	17.1	.0	91.6	125.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.0	.4	2.6	.4	.0	2.9	3.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	21.5	.2	.0	21.7	21.7
RP 1.07: REMOTE SENSING	3.5	.0	.0	.0	3.5	2.1	.0	.0	2.1	5.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	13.0	13.0	5.8	.0	.8	6.6	19.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	78.0	78.0	44.8	.6	7.4	52.8	130.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	62.3	62.3	36.3	.0	3.9	40.2	102.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	32.7	32.7	40.4	.0	1.2	41.5	74.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	25.1	25.1	6.7	.0	2.5	9.2	34.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	10.8	10.8	10.7	.0	1.9	12.5	23.3
RP 2.07: FOREST RECREATION & AMUSEMENTS & OTH LANDSCAPE VALUES	.0	.0	.0	1.0	1.0	3.7	.0	.8	4.5	5.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.6	.6	4.1	.0	.8	4.8	5.4
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	21.4	.0	.0	.0	21.4	39.9	.2	.0	40.1	61.4
RP 3.02: GRAIN SORGHUM	10.0	.0	.0	.0	10.0	21.3	.0	.0	21.3	31.3
RP 3.03: WHEAT	8.5	.0	.0	.0	8.5	19.2	.6	.0	19.8	28.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	4.2	.0	.0	.0	4.2	15.9	5.9	.0	21.8	26.0
RP 3.05: RICE	12.9	.0	.0	.0	12.9	28.1	.0	.0	28.1	40.9
RP 3.06: SOYBEANS	25.4	.3	.0	.0	25.7	97.0	7.2	.0	104.1	129.8
RP 3.07: PEANUTS	25.8	.0	.0	.0	25.8	40.6	2.8	.0	43.4	69.2
RP 3.08: SUGAR	24.3	.0	.0	.0	24.3	35.3	.0	.0	35.3	59.6
RP 3.09: FORAGE, RANGE, & PASTURE	41.1	.0	.0	.0	41.1	127.4	.3	.0	127.7	168.8
RP 3.10: COTTON	233.9	1.0	.0	.0	234.8	85.7	6.0	.0	91.7	326.5
RP 3.11: TOBACCO	38.9	.0	.0	.0	38.9	50.8	.2	.0	51.0	89.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	10.3	.0	.0	.0	10.3	9.1	.0	.0	9.1	19.4
RP 3.13: FRUIT	77.6	.0	.0	.0	77.6	168.4	1.8	.0	170.2	247.8
RP 3.14: VEGETABLE CROPS	36.9	.0	.0	.0	36.9	189.9	9.0	.0	198.9	235.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	4.3	.0	.0	.0	4.3	91.5	.4	.0	91.9	96.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	6.2	.0	.0	.0	6.2	2.0	.0	.0	2.0	8.2
RP 4.01: BEEF	35.5	.0	.0	.0	35.5	151.2	5.1	.0	156.3	191.8
RP 4.02: DAIRY	13.2	.0	.0	.0	13.2	100.3	1.6	.0	101.9	115.1
RP 4.03: POULTRY	23.8	.0	.0	.0	23.8	82.2	4.7	.1	87.0	110.8
RP 4.04: SHEEP	3.9	.0	.0	.0	3.9	14.4	.2	.0	14.6	18.6

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 4.05: SWINE	8.8	.0	.0	.0	8.8	47.9	3.6	.0	51.4	60.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	3.3	.0	.0	.0	3.3	27.4	1.3	.0	28.7	32.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	41.6	2.1	.0	43.7	43.7
RP 5.01: FOOD & NUTRITION	6.2	.0	.0	.0	6.2	35.4	23.2	.0	58.5	64.7
RP 5.02: FOOD SAFETY	30.4	.0	.0	.0	30.4	24.3	2.0	.0	26.3	56.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	12.9	6.2	.0	.0	19.1	84.2	19.0	.0	103.2	122.3
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	21.2	.0	.0	.0	21.2	6.6	.0	.0	6.6	27.8
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	5.6	.0	.0	5.6	5.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.1	6.6	.0	.0	7.7	42.6	5.8	.0	48.4	56.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	7.0	.0	.0	.0	7.0	3.7	.0	.0	3.7	10.7
RP 6.03: MARKETING & COMPETITION	18.7	20.8	.0	.0	39.5	68.5	1.8	.0	70.3	109.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	51.7	.0	.0	.0	51.7	128.0	3.3	.0	131.4	183.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	59.2	.0	3.2	62.4	62.4
GRAND TOTAL	938.6	38.6	.0	223.4	1200.6	2311.2	129.7	22.3	2463.2	3663.8

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 3

RESEARCH PROGRAM SUMMARY

NORTH CENTRAL REGION

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	23.6	3.2	.0	.0	26.7	88.4	.0	.0	88.4	115.1
RP 1.02: WATER & WATERSHEDS	25.6	1.4	.0	.0	26.9	34.6	.0	.0	34.6	61.5
RP 1.03: RECREATION	.0	.0	.0	.0	.0	6.6	.0	.0	6.6	6.6
RP 1.04: ENVIRONMENTAL QUALITY	37.8	4.3	.0	.0	42.1	63.9	.0	.3	64.2	106.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.6	.0	.0	.0	.6	12.0	.0	.0	12.0	12.6
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	15.5	.0	.0	15.5	15.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	8.0	8.0	4.6	.0	2.4	6.9	14.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	50.3	50.3	32.6	.0	5.6	38.2	88.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	44.3	44.3	12.2	.0	1.3	13.5	57.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	111.6	111.6	22.3	.0	10.4	32.7	144.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	16.2	16.2	7.7	.0	2.2	9.9	26.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	4.9	4.9	3.6	.0	.2	3.8	8.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	3.0	3.0	7.1	.0	.8	8.0	11.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	7.3	7.3	3.2	.0	.6	3.8	11.1
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	61.0	.2	.0	.0	61.2	90.2	.0	.0	90.2	151.5
RP 3.02: GRAIN SORGHUM	10.2	.1	.0	.0	10.3	24.8	.0	.0	24.8	35.1
RP 3.03: WHEAT	49.5	.2	.0	.0	49.7	65.3	.0	.0	65.3	115.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	20.0	.1	.0	.0	20.1	28.9	.0	.0	28.9	49.0
RP 3.05: RICE	2.0	.1	.0	.0	2.1	3.2	.0	.0	3.2	5.3
RP 3.06: SOYBEANS	55.0	.0	.0	.0	55.0	73.7	1.0	.4	75.1	130.1
RP 3.07: PEANUTS	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.08: SUGAR	4.0	.0	.0	.0	4.0	5.8	.0	.0	5.8	9.8
RP 3.09: FORAGE, RANGE, & PASTURE	23.6	.1	.0	.0	23.7	72.1	.0	.0	72.1	95.8
RP 3.10: COTTON	.0	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	18.7	.0	.0	.0	18.7	14.5	.0	.0	14.5	33.2
RP 3.13: FRUIT	8.1	.0	.0	.0	8.1	50.6	.0	.0	50.6	58.7
RP 3.14: VEGETABLE CROPS	12.4	.0	.0	.0	12.4	78.4	.0	.0	78.4	90.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	10.7	.0	.0	.0	10.7	42.3	.0	.0	42.3	53.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	4.2	.0	.0	.0	4.2	4.7	.0	.0	4.7	8.9
RP 4.01: BEEF	32.2	1.2	.0	.0	33.4	84.0	1.0	.0	84.9	118.4
RP 4.02: DAIRY	18.8	.0	.0	.0	18.8	96.3	.4	.0	96.7	115.5
RP 4.03: POULTRY	20.7	.0	.0	.0	20.7	51.5	.0	.0	51.5	72.2
RP 4.04: SHEEP	8.9	.0	.0	.0	8.9	21.7	.9	.0	22.6	31.5

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

NORTH CENTRAL REGION

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.05: SWINE	19.5	.0	.0	.0	19.5	75.8	2.3	.0	78.1	97.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.0	.0	.0	.0	2.0	17.1	.0	.0	17.1	19.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 5.01: FOOD & NUTRITION	14.2	.0	.0	.0	14.2	48.0	11.6	.0	59.5	73.7
RP 5.02: FOOD SAFETY	43.9	.0	.0	.0	43.9	28.0	.0	.0	28.0	71.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.1	1.2	.0	.0	1.3	94.1	.2	.2	94.4	95.7
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.4	5.2	.0	.0	8.6	46.5	.0	.0	46.5	55.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.4	.0	.0	.0	1.4	15.7	.0	.0	15.7	17.2
RP 6.03: MARKETING & COMPETITION	6.1	10.3	1.4	.0	17.8	44.4	.0	.0	44.4	62.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	60.6	.0	.0	.0	60.6	174.6	.0	.0	174.6	235.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	38.2	.0	.0	38.2	38.2
GRAND TOTAL	598.9	27.6	1.4	245.6	873.5	1726.3	17.3	24.5	1768.1	2641.6

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 4

RESEARCH PROGRAM SUMMARY

WESTERN REGION

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	40.6	1.1	.0	.0	41.6	76.2	.0	.0	76.2	117.8
RP 1.02: WATER & WATERSHEDS	66.3	2.1	.0	1.1	69.5	53.3	.0	.1	53.4	122.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4
RP 1.04: ENVIRONMENTAL QUALITY	38.5	3.9	.0	.0	38.4	72.4	.0	.0	72.4	110.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.9	.0	.0	.0	2.9	16.6	.0	1.1	17.7	20.6
RP 1.06: FISH & WILDLIFE	.7	.0	.0	.0	.7	12.0	.0	.0	12.0	12.7
RP 1.07: REMOTE SENSING	.6	.0	.0	.0	.6	1.8	.0	.0	1.8	2.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	29.6	29.6	9.0	.0	5.3	14.3	43.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	61.0	61.0	14.7	.0	29.2	43.9	104.9
RP 2.03: FOREST PROTECTION	.0	.0	.0	112.6	112.6	19.2	.2	5.5	24.9	137.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	28.4	28.4	20.9	.0	27.5	48.4	76.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	77.0	77.0	7.1	.0	29.0	36.1	113.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	43.2	43.2	6.2	.0	15.6	21.8	65.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	6.8	6.8	5.7	.0	7.3	13.0	19.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	10.6	10.6	1.4	.0	2.1	3.5	14.1
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	.0	.5	.6	.6
RP 3.01: CORN	.7	.0	.0	.0	.7	9.8	.0	.0	9.8	10.5
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 3.03: WHEAT	27.7	.0	.0	.0	27.7	42.3	.0	.0	42.3	70.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	5.8	.0	.0	.0	5.8	24.1	.0	.0	24.1	29.8
RP 3.05: RICE	1.5	.0	.0	.0	1.5	4.0	.0	.0	4.0	5.5
RP 3.06: SOYBEANS	.7	.0	.0	.0	.7	8.8	.1	.0	8.9	9.6
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.08: SUGAR	21.2	.0	.0	.0	21.2	12.7	.0	.0	12.7	33.8
RP 3.09: FORAGE, RANGE, & PASTURE	62.1	.0	.0	.0	62.1	106.0	.0	.0	106.0	168.2
RP 3.10: COTTON	35.4	.0	.0	.0	35.4	35.9	.0	.0	35.9	71.3
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	11.3	.0	.0	.0	11.3	14.8	.0	.0	14.8	26.1
RP 3.13: FRUIT	64.6	.0	.0	.0	64.6	149.2	.0	.0	149.2	213.8
RP 3.14: VEGETABLE CROPS	47.6	.0	.0	.0	47.6	127.7	.0	.0	127.7	175.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	5.4	.0	.0	.0	5.4	46.4	.0	.2	46.6	51.9
RP 3.16: BEES & OTHER POLLINATING INSECTS	15.0	.0	.0	.0	15.0	8.5	.0	.0	8.5	23.5
RP 4.01: BEEF	11.7	1.2	.0	.0	12.9	101.8	.0	.1	101.9	114.8
RP 4.02: DAIRY	3.6	.0	.0	.0	3.6	32.1	.0	.0	32.1	35.6
RP 4.03: POULTRY	6.4	.0	.0	.0	6.4	34.4	.0	.0	34.4	40.8
RP 4.04: SHEEP	31.1	.0	.0	.0	31.1	29.4	.0	.0	29.4	60.5

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4
WESTERN REGION

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 4.05: SWINE	.2	.0	.0	.0	.2	5.5	.0	.0	5.5	5.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	5.9	.0	.0	.0	5.9	9.3	.0	.0	9.3	15.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	8.9	.0	.0	8.9	8.9
RP 5.01: FOOD & NUTRITION	19.9	.0	.0	.0	19.9	54.9	.0	.0	54.9	74.8
RP 5.02: FOOD SAFETY	14.8	.0	.0	.0	14.8	34.1	.0	.0	34.1	48.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.5	.0	.0	.0	.5	51.6	.0	.0	51.6	52.1
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	2.0	.0	.0	.0	2.0	13.8	.0	.0	13.8	15.8
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	3.4	.0	.0	3.4	22.4	.0	.0	22.4	25.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	17.8	.0	.0	.0	17.8	5.1	.0	.0	5.1	22.8
RP 6.03: MARKETING & COMPETITION	4.5	4.6	.0	.0	9.1	33.3	.0	.0	33.3	42.4
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	29.8	.0	.0	.0	29.8	195.9	.0	.1	196.0	225.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	4.7	.0	1.5	6.2	6.2
GRAND TOTAL	592.9	16.2	.0	370.3	979.4	1557.6	.3	125.0	1682.9	2662.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM SUMMARY					AUSTRALIA						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 3.06: SOYBEANS	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	
GRAND TOTAL	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			FOREIGN			
RESEARCH PROGRAM SUMMARY					ARGENTINA						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM SUMMARY					CANAL ZONE						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM SUMMARY					EL SALVADOR						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	2.1	.0	.0	.0	2.1	.0	.0	.0	.0	2.1	
GRAND TOTAL	2.1	.0	.0	.0	2.1	.0	.0	.0	.0	2.1	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			FOREIGN		
RESEARCH PROGRAM SUMMARY					FRANCE					
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 2.03: FOREST PROTECTION	.6	.0	.0	.0	.6	.0	.0	.0	.0	.6
RP 3.03: WHEAT	.3	.0	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.3	.0	.0	.0	.3	.0	.0	.0	.0	.3
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.8	.0	.0	.0	.8	.0	.0	.0	.0	.8
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			FOREIGN		
RESEARCH PROGRAM SUMMARY					ITALY					
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	2.2	.0	.0	.0	2.2	.0	.0	.0	.0	2.2
GRAND TOTAL	2.2	.0	.0	.0	2.2	.0	.0	.0	.0	2.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN			
RESEARCH PROGRAM SUMMARY					JAMAICA					
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 3.08: SUGAR	.5	.0	.0	.0	.5	.0	.0	.0	.0	.5
GRAND TOTAL	.5	.0	.0	.0	.5	.0	.0	.0	.0	.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			FOREIGN			
RESEARCH PROGRAM SUMMARY					JAPAN						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 2.03: FOREST PROTECTION	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			FOREIGN		
RESEARCH PROGRAM SUMMARY					KENYA					
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.01: BEEF	.7	.0	.0	.0	.7	.0	.0	.0	.0	.7
RP 4.02: DAIRY	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
GRAND TOTAL	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	1.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN			
RESEARCH PROGRAM SUMMARY					NETHERLANDS					
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 3.13: FRUIT	.3	.0	.0	.0	.3	.0	.0	.0	.0	.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	1.7
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM SUMMARY					NIGERIA						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTR	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4	
GRAND TOTAL	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977						(PRIMARY)	FOREIGN				
RESEARCH PROGRAM SUMMARY							PAKISTAN				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 3.02: GRAIN SORGHUM	.7	.0	.0	.0	.7	.0	.0	.0	.0	.7	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.0	.7	.0	.0	.0	.0	.7	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.9	.0	.0	.0	.9	.0	.0	.0	.0	.9	
GRAND TOTAL	2.3	.0	.0	.0	2.3	.0	.0	.0	.0	2.3	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		FOREIGN				
RESEARCH PROGRAM SUMMARY					SAUDI ARABIA						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 1.02: WATER & WATERSHEDS	6.1	.0	.0	.0	6.1	.0	.0	.0	.0	6.1	
GRAND TOTAL	6.1	.0	.0	.0	6.1	.0	.0	.0	.0	6.1	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			FOREIGN			
RESEARCH PROGRAM SUMMARY					SPAIN						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 4.05: SWINE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE	V-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		FOREIGN			
		RESEARCH PROGRAM SUMMARY				TAIWAN					
		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 3.03:	WHEAT	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.05:	RICE	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.06:	SOYBEANS	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.07:	PEANUTS	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.09:	FORAGE, RANGE, & PASTURE	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.12:	NEW CROPS & MINOR OILSEEDS	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	1.7
GRAND TOTAL		3.5	.0	.0	.0	3.5	.0	.0	.0	.0	3.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B RESEARCH PROGRAM SUMMARY	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)	FOREIGN			
							TANZANIA			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 4.01: BEEF	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	1.7
RP 4.02: DAIRY	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	1.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.9	.0	.0	.0	.9	.0	.0	.0	.0	.9
GRAND TOTAL	4.3	.0	.0	.0	4.3	.0	.0	.0	.0	4.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

					(PRIMARY)		FOREIGN			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.8	.0	.0	.0	4.8	.0	.0	.0	.0	4.8
RP 3.13: FRUIT	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	2.0
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	.0	4.8	.0	.0	.0	.0	4.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	3.7	.0	.0	.0	3.7	.0	.0	.0	.0	3.7
GRAND TOTAL	15.3	.0	.0	.0	15.3	.0	.0	.0	.0	15.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		REGION 1				
RESEARCH PROGRAM SUMMARY					CONNECTICUT						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	CONN NEW HAVEN	CONN STORES	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	.2	.8	.0	1.0	1.0	
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.8	.3	.0	1.1	1.1	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.8	.0	.8	.8	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	6.3	2.0	.0	8.3	8.3	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.4	.3	.0	.7	.7	
RP 2.03: FOREST PROTECTION	.0	.0	.0	16.8	16.8	5.7	.0	.0	5.7	22.5	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.5	.8	.0	1.3	1.3	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.2	1.2	.0	.0	.0	.0	1.2	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	
RP 3.01: CORN	.0	.0	.0	.0	.0	1.7	.4	.0	2.1	2.1	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2	
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	5.8	1.0	.0	6.8	6.8	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.9	1.0	.0	2.9	2.9	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	
RP 4.01: BEEF	.0	.0	.0	.0	.0	.0	.7	.0	.7	.7	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	.0	.8	.0	.8	.8	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.0	5.6	.0	5.6	5.6	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.0	.6	.0	.6	.6	
RP 4.05: SWINE	.0	.0	.0	.0	.0	.0	.4	.0	.4	.4	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.7	5.8	.0	6.6	6.6	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	.4	1.1	.0	1.5	1.5	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.0	2.5	.0	2.5	2.5	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.0	.5	.0	.5	.5	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	.0	1.6	.0	1.6	1.6	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.7	.4	.0	3.2	3.2	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	5.3	.0	5.3	5.3	
GRAND TOTAL	.0	.0	.0	18.0	18.0	39.1	33.1	.0	72.2	90.2	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 1

DELAWARE

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.0	.4	.0	1.4	1.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.6	.0	.6	.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.01: BEEF	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.6	.1	.0	1.7	1.7
RP 4.03: POULTRY	2.4	.0	.0	.0	2.4	2.2	.0	.0	2.2	4.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.8	.7	.0	1.5	1.5
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	5.0	.0	.0	.0	5.0	.1	.1	.0	.2	5.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
GRAND TOTAL	7.4	.0	.0	.0	7.4	22.4	2.1	.0	24.5	31.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 1

DISTRICT OF COLUMBIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	12.8	.0	.0	12.8	.0	.0	.0	.0	12.8
RP 1.02: WATER & WATERSHEDS	.0	3.9	.0	.0	3.9	.0	.0	.0	.0	3.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	9.0	.0	.0	9.0	.0	.0	.0	.0	9.0
RP 3.01: CORN	.0	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	.0	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.5	.0	.0	.5	.0	.0	.0	.0	.5
RP 3.10: COTTON	.0	1.4	.0	.0	1.4	.0	.0	.0	.0	1.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	8.8	.0	.0	.0	8.8	.0	.0	.0	.0	8.8
RP 4.01: BEEF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	11.5	.0	.0	11.5	.2	.0	.0	.2	11.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	43.6	.0	.0	43.6	.0	.0	.0	.0	43.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	59.1	.0	.0	59.1	.0	.0	.0	.0	59.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	80.7	.0	.0	80.7	.0	.0	.0	.0	80.7
RP 6.03: MARKETING & COMPETITION	.0	141.9	19.7	.0	161.6	.2	.0	.0	.2	161.7
GRAND TOTAL	8.8	364.7	19.7	.0	393.2	.6	.0	.0	.6	393.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 1			
RESEARCH PROGRAM SUMMARY					MAINE						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0	
RP 1.02: WATER & WATERSHEDS	2.3	.0	.0	.0	2.3	.0	.0	.0	.0	2.3	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	4.3	4.3	3.6	.0	.0	3.6	7.9	
RP 2.03: FOREST PROTECTION	.0	.0	.0	1.7	1.7	4.1	.0	.0	4.1	5.7	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.7	.7	.3	.0	.0	.3	.9	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5	
RP 3.01: CORN	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4	
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	.3	.0	.0	.0	.3	1.0	.0	.0	1.0	1.3	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.13: FRUIT	.2	.0	.0	.0	.2	6.2	.0	.0	6.2	6.4	
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	.0	4.8	7.2	.0	.0	7.2	12.0	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4	
GRAND TOTAL	7.5	.0	.0	6.6	14.1	63.1	.0	.0	63.1	77.2	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 1

MARYLAND

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.4	.0	.0	.0	2.4	2.0	.3	.0	2.3	4.6
RP 1.02: WATER & WATERSHEDS	8.0	.0	.0	.0	8.0	.5	.0	.0	.5	8.5
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	31.8	.0	.0	.0	31.8	4.0	.4	.0	4.4	36.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.07: REMOTE SENSING	.9	.0	.0	.0	.9	.0	.0	.0	.0	.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	4.0	4.0	.5	.0	.0	.5	4.5
RP 2.03: FOREST PROTECTION	2.3	.0	.0	.0	2.3	.6	.0	.0	.6	2.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	5.0	.0	.0	.0	5.0	2.5	.0	.0	2.5	7.5
RP 3.02: GRAIN SORGHUM	.2	.0	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.03: WHEAT	6.2	.0	.0	.0	6.2	.8	.0	.0	.8	7.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.1	.0	.0	.0	2.1	.4	.0	.0	.4	2.4
RP 3.05: RICE	.6	.0	.0	.0	.6	.0	.0	.0	.0	.6
RP 3.06: SOYBEANS	11.6	.0	.0	.0	11.6	2.7	.8	.0	3.5	15.0
RP 3.08: SUGAR	3.0	.0	.0	.0	3.0	.0	.0	.0	.0	3.0
RP 3.09: FORAGE, RANGE, & PASTURE	8.5	.0	.0	.0	8.5	2.4	.0	.0	2.4	10.9
RP 3.10: COTTON	3.0	.0	.0	.0	3.0	.2	.0	.0	.2	3.2
RP 3.11: TOBACCO	9.8	.0	.0	.0	9.8	2.9	.0	.0	2.9	12.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	7.3	.0	.0	.0	7.3	.2	.0	.0	.2	7.5
RP 3.13: FRUIT	20.4	.0	.0	.0	20.4	3.4	.0	.0	3.4	23.8
RP 3.14: VEGETABLE CROPS	26.1	.0	.0	.0	26.1	6.2	.0	.0	6.2	32.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	16.1	.0	.0	.0	16.1	2.1	.0	.0	2.1	18.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	4.0	.0	.0	.0	4.0	.3	.0	.0	.3	4.3
RP 4.01: BEEF	16.2	.0	.0	.0	16.2	3.1	.0	.0	3.1	19.3
RP 4.02: DAIRY	34.8	.0	.0	.0	34.8	6.2	.0	.0	6.2	40.9
RP 4.03: POULTRY	16.2	.0	.0	.0	16.2	8.0	.2	.0	8.2	24.4
RP 4.04: SHEEP	7.9	.0	.0	.0	7.9	.2	.0	.0	.2	8.2
RP 4.05: SWINE	14.0	.0	.0	.0	14.0	.7	.0	.0	.7	14.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.0	.0	.0	.0	4.0	2.9	.0	.0	2.9	6.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.0	.1	1.6	.2	.0	1.8	1.9
RP 5.01: FOOD & NUTRITION	83.0	.0	.0	.0	83.0	.6	.5	.0	1.1	84.1
RP 5.02: FOOD SAFETY	13.4	.0	.0	.0	13.4	1.5	.1	.0	1.6	15.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	5.8	.0	.0	.0	5.8	3.4	1.0	.0	4.4	10.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 1				
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	4.4	.0	.0	.0	4.4	1.2	.0	.0	1.2	5.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.7	.0	.0	.0	3.7	1.0	.1	.0	1.1	4.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.6	.0	.0	.0	4.6	.7	.0	.0	.7	5.3
RP 6.03: MARKETING & COMPETITION	26.8	.0	.0	.0	26.8	2.7	.0	.0	2.7	29.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	119.2	.0	.0	.0	119.2	4.3	.1	.0	4.4	123.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	523.4	.0	.0	4.0	527.4	72.6	3.7	.0	76.3	603.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 1

RESEARCH PROGRAM SUMMARY

MASSACHUSETTS

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.03: FOREST PROTECTION	2.4	.0	.0	.0	2.4	1.0	.0	.0	1.0	3.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.4	2.4	.0	.0	.0	.0	2.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	3.6	3.6	.6	.0	.0	.6	4.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	.3	.0	.0	.0	.3	6.5	.0	.0	6.5	6.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	1.1	.0	.0	1.1	1.4
RP 4.01: BEEF	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.02: DAIRY	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.03: POULTRY	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 5.02: FOOD SAFETY	.1	.0	.0	.0	.1	1.9	.0	.0	1.9	2.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	3.1	.0	.0	6.0	9.1	37.4	.0	.0	37.4	46.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 1			
RESEARCH PROGRAM SUMMARY						NEW HAMPSHIRE					
		AES	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	.0	1.0	.0	.0	1.0	2.3	.0	.0	2.3	3.3
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.07:	REMOTE SENSING	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	7.6	7.6	2.6	.0	.0	2.6	10.2
RP 2.03:	FOREST PROTECTION	.0	.0	.0	2.0	2.0	.9	.0	.0	.9	2.9
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	4.0	4.0	.5	.0	.0	.5	4.5
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.07:	FOREST RECREATION & AMUSEMENTS & OTH LANDSCAPE VALUES	.0	.0	.0	2.0	2.0	.0	.0	.0	.0	2.0
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.01:	CORN	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.06:	SOYBEANS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.13:	FRUIT	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.02:	DAIRY	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 4.03:	POULTRY	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.9	.0	.0	.9	1.1	.0	.0	1.1	2.0
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	.4	.0	.0	.4	.1	.0	.0	.1	.5
RP 6.03:	MARKETING & COMPETITION	.0	.4	.0	.0	.4	.7	.0	.0	.7	1.1
RP 7.01:	GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
GRAND TOTAL		.0	2.7	.0	15.6	18.3	27.9	.0	.0	27.9	46.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 1

NEW JERSEY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	10.8	.0	.0	10.8	10.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	1.1	1.1	.5	.0	.0	.5	1.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.4	3.4	.4	.0	.0	.4	3.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.01: CORN	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 3.10: COTTON	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.13: FRUIT	3.3	.0	.0	.0	3.3	10.3	.0	.0	10.3	13.6
RP 3.14: VEGETABLE CROPS	.7	.0	.0	.0	.7	9.7	.0	.0	9.7	10.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 4.01: BEEF	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.02: DAIRY	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.05: SWINE	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	1.0	.0	.0	1.0	6.0	.0	.0	6.0	7.0
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	12.0	.0	.0	12.0	12.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	8.5	.0	.0	8.5	8.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 1

RESEARCH PROGRAM SUMMARY

NEW JERSEY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
GRAND TOTAL	4.0	1.0	.0	4.5	9.5	108.9	.0	.0	108.9	118.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 1			
RESEARCH PROGRAM SUMMARY					NEW YORK						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 1.01: SOIL & LAND USE	5.2	.0	.0	.0	5.2	5.7	.2	.0	5.9	11.0	
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.2	.1	.0	1.3	1.3	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	13.5	1.0	.0	14.6	14.6	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.8	.4	.0	1.2	1.2	
RP 1.06: FISH & WILDLIFE	.1	.0	.0	.0	.1	3.0	.0	.0	3.0	3.1	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	1.4	.0	1.7	3.1	3.1	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.1	.0	3.1	3.2	3.2	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.2	.0	9.3	9.5	9.5	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.1	.0	1.2	1.3	1.3	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.5	.0	2.1	2.6	2.6	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.8	1.8	1.3	.0	.2	1.5	3.3	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.2	.0	.5	.7	.7	
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
RP 3.01: CORN	.0	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0	
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	.0	1.0	.6	.1	.0	.7	1.7	
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.06: SOYBEANS	2.1	.0	.0	.0	2.1	1.1	.1	.0	1.2	3.3	
RP 3.09: FORAGE, RANGE, & PASTURE	4.3	.0	.0	.0	4.3	6.1	.3	.0	6.4	10.7	
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.11: TOBACCO	.8	.0	.0	.0	.8	.0	.0	.0	.0	.8	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.5	.0	.6	.6	
RP 3.13: FRUIT	.3	.0	.0	.0	.3	7.3	36.1	.0	43.4	43.6	
RP 3.14: VEGETABLE CROPS	2.0	.0	.0	.0	2.0	16.5	20.2	.0	36.6	38.6	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	5.2	1.2	.0	6.4	6.7	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3	
RP 4.01: BEEF	15.1	.0	.0	.0	15.1	5.0	.0	.0	5.0	20.1	
RP 4.02: DAIRY	10.3	.0	.0	.0	10.3	24.1	.0	.0	24.1	34.4	
RP 4.03: POULTRY	1.5	.0	.0	.0	1.5	11.3	.0	.0	11.3	12.8	
RP 4.04: SHEEP	3.2	.0	.0	.0	3.2	4.8	.0	.0	4.8	8.0	
RP 4.05: SWINE	7.4	.0	.0	.0	7.4	4.2	.0	.0	4.2	11.7	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.6	.0	.0	.0	.6	16.8	.0	.0	16.8	17.4	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.3	.5	.0	3.8	3.8	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 1			
RESEARCH PROGRAM SUMMARY					NEW YORK						
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RP 5.01: FOOD & NUTRITION	1.1	.0	.0	.0	1.1	11.0	1.2	.0	12.2	13.4	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	3.7	3.5	.0	7.2	7.2	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	28.2	.0	.0	28.2	28.2	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	6.2	.0	.0	6.2	6.2	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.6	.0	.0	.0	3.6	42.2	3.8	3.2	49.2	52.8	
RP 9.01: UNCLASSIFIED	.0	1.0	.0	.0	1.0	.0	.0	12.2	12.2	13.2	
GRAND TOTAL	58.9	1.0	.0	1.8	61.7	244.5	69.2	33.7	347.4	409.1	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 1

RESEARCH PROGRAM SUMMARY

PENNSYLVANIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.7	.8	.0	.0	2.5	4.6	.0	.0	4.6	7.1
RP 1.02: WATER & WATERSHEDS	7.1	.2	.0	.0	7.3	.1	.0	.0	.1	7.4
RP 1.04: ENVIRONMENTAL QUALITY	27.9	1.4	.0	.0	29.3	6.7	.0	.0	6.7	36.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	7.0	7.0	.3	.0	.0	.3	7.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0	2.4	.0	.0	2.4	7.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	3.0	3.0	1.9	.0	.0	1.9	4.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.0	1.0	.9	.0	.0	.9	1.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	.0	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.7	.0	.0	.0	1.7	.9	.0	.0	.9	2.6
RP 3.09: FORAGE, RANGE, & PASTURE	10.5	.0	.0	.0	10.5	7.2	.0	.0	7.2	17.7
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	1.1
RP 3.13: FRUIT	5.5	.0	.0	.0	5.5	12.0	.0	.0	12.0	17.5
RP 3.14: VEGETABLE CROPS	4.9	.0	.0	.0	4.9	10.9	.0	.0	10.9	15.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.7	.0	.0	.0	2.7	.5	.0	.0	.5	3.2
RP 4.01: BEEF	36.6	.0	.0	.0	36.6	4.3	.0	.0	4.3	40.9
RP 4.02: DAIRY	15.6	.0	.0	.0	15.6	7.6	.0	.0	7.6	23.2
RP 4.03: POULTRY	.0	.0	.0	.0	.0	9.1	.0	.0	9.1	9.1
RP 4.04: SHEEP	.7	.0	.0	.0	.7	1.2	.0	.0	1.2	1.9
RP 4.05: SWINE	4.0	.0	.0	.0	4.0	2.7	.0	.0	2.7	6.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 5.01: FOOD & NUTRITION	46.2	.0	.0	.0	46.2	3.0	.0	.0	3.0	49.2
RP 5.02: FOOD SAFETY	32.2	.0	.0	.0	32.2	1.7	.0	.0	1.7	33.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	12.6	.0	.0	12.6	12.6
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 6.03: MARKETING & COMPETITION	.0	2.9	.0	.0	2.9	4.6	.0	.0	4.6	7.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 1

RESEARCH PROGRAM SUMMARY

PENNSYLVANIA

	ARS	HRS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.6	.0	.0	.0	3.6	11.6	.0	.0	11.6	15.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	202.0	5.3	.0	16.0	223.3	137.1	.0	.0	137.1	360.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 1			
RESEARCH PROGRAM SUMMARY		RHODE ISLAND									
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	5.5	.0	.0	5.5	5.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.13:	FRUIT	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 4.02:	DAIRY	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.03:	POULTRY	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 7.01:	GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL		.0	.0	.0	.0	.0	38.3	.0	.0	38.3	38.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 1

RESEARCH PROGRAM SUMMARY

VERMONT

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0	.6	.0	1.5	2.1	7.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	3.0	3.0	.0	.0	.0	.0	3.0
RP 3.01: CORN	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.13: FRUIT	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.01: BEEF	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.02: DAIRY	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.03: POULTRY	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	1.5	.0	.3	1.8	1.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
GRAND TOTAL	.0	.0	.0	8.0	8.0	27.8	.0	3.1	30.9	38.9

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 1

WEST VIRGINIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	7.5	.0	.0	.0	7.5	1.9	.0	.0	1.9	9.4
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.03: RECREATION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	3.0	3.0	1.8	.0	.0	1.8	4.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	23.0	23.0	1.3	.0	.0	1.3	24.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.0	3.0	.0	.0	.0	.0	3.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.7	2.7	.6	.0	.0	.6	3.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 3.13: FRUIT	.0	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.01: BEEF	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 4.02: DAIRY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.03: POULTRY	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
GRAND TOTAL	7.5	.0	.0	31.7	39.2	38.5	.0	.0	38.5	77.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 2			
RESEARCH PROGRAM SUMMARY		ALABAMA									
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	ALABAMA TUSKEGEE	ALABAMA NORMAL	CSRS/SARS TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	8.0	.0	.0	.0	8.0	3.9	.1	.0	4.0	12.0
RP 1.02:	WATER & WATERSHEDS	.8	.0	.0	.0	.8	.4	.0	.0	.4	1.2
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.04:	ENVIRONMENTAL QUALITY	.5	.0	.0	.0	.5	4.9	.0	.0	4.9	5.4
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	1.7	1.7	3.3	.0	.6	3.9	5.6
RP 2.03:	FOREST PROTECTION	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	2.6	2.6	1.9	.0	.0	1.9	4.5
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01:	CORN	.1	.0	.0	.0	.1	1.6	.0	.0	1.6	1.7
RP 3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.03:	WHEAT	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.0	.1	.6	.0	5.3	5.9	6.0
RP 3.06:	SOYBEANS	.0	.0	.0	.0	.0	8.9	.0	.0	8.9	8.9
RP 3.07:	PEANUTS	.0	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 3.09:	FORAGE, RANGE, & PASTURE	.1	.0	.0	.0	.1	9.3	.0	.1	9.4	9.5
RP 3.10:	COTTON	2.2	.0	.0	.0	2.2	4.3	.0	.0	4.3	6.4
RP 3.13:	FRUIT	.0	.0	.0	.0	.0	5.8	.3	.0	6.1	6.1
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	7.5	1.3	.0	8.8	8.8
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 4.01:	BEEF	1.9	.0	.0	.0	1.9	14.2	.4	.6	15.2	17.1
RP 4.02:	DAIRY	1.4	.0	.0	.0	1.4	5.9	.5	.1	6.4	7.8
RP 4.03:	POULTRY	.0	.0	.0	.0	.0	6.6	1.3	.3	8.2	8.2
RP 4.04:	SHEEP	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
RP 4.05:	SWINE	.0	.0	.0	.0	.0	5.2	2.4	.0	7.6	7.6
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.2	.0	1.0	1.2	1.2
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	16.4	.0	.0	16.4	16.4
RP 5.01:	FOOD & NUTRITION	.8	.0	.0	.0	.8	1.1	1.6	.0	2.7	3.5
RP 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.7	.3	.4	5.4	5.4
RP 5.05:	RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	1.1	.0	.0	.0	1.1	1.9	.0	.0	1.9	3.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	ALABAMA TUSKEGEE	ALABAMA NORRIS	CSRS/SAES TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.7	.0	.0	.0	3.7	8.5	1.4	.2	10.0	13.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	9.6	.0	.0	9.6	9.6
GRAND TOTAL	20.6	.0	.0	4.3	24.9	155.6	9.6	8.6	173.8	198.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 2

RESEARCH PROGRAM SUMMARY

ARKANSAS

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	1.0	.0	.0	1.0	4.7	.3	.0	5.0	6.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	4.7	.1	.0	4.7	4.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	1.8	1.8	1.0	.0	.0	1.0	2.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	1.2	1.2	.4	.0	.0	.4	1.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.03: WHEAT	.0	.0	.0	.0	.0	1.2	.6	.0	1.8	1.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.05: RICE	2.0	.0	.0	.0	2.0	4.9	.0	.0	4.9	6.9
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	10.4	1.9	.0	12.2	12.2
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 3.10: COTTON	.0	.0	.0	.0	.0	8.2	.8	.0	9.0	9.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	7.0	.4	.0	7.4	7.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 4.01: BEEF	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 4.03: POULTRY	.0	.0	.0	.0	.0	6.4	1.0	.0	7.4	7.4
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.05: SWINE	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.2	.9	.0	1.0	1.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.0	2.4	.0	6.4	6.4
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

					(PRIMARY)		REGION 2			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.03: MARKETING & COMPETITION	.0	1.1	.0	.0	1.1	4.3	.1	.0	4.4	5.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
GRAND TOTAL	2.0	2.1	.0	3.0	7.1	97.0	8.3	.0	105.3	112.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2
FLORIDA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.9	.0	.0	.0	.9	19.3	1.1	.0	20.4	21.3
RP 1.02: WATER & WATERSHEDS	3.2	.0	.0	.0	3.2	8.8	.0	.0	8.8	12.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAL QUALITY	3.2	.0	.0	.0	3.2	18.1	5.1	.0	23.3	26.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	3.1	.1	.0	3.2	3.2
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	9.7	9.7	4.0	.0	.0	4.0	13.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	3.9	3.9	4.2	.0	.0	4.2	8.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.8	.8	1.6	.0	.0	1.6	2.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.6	.6	1.1	.0	.0	1.1	1.7
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	2.2	.0	.0	.0	2.2	5.7	.0	.0	5.7	7.9
RP 3.02: GRAIN SORGHUM	.6	.0	.0	.0	.6	1.0	.0	.0	1.0	1.5
RP 3.03: WHEAT	1.2	.0	.0	.0	1.2	.6	.0	.0	.6	1.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.0	.7	1.3	.0	.0	1.3	2.0
RP 3.05: RICE	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.06: SOYBEANS	1.5	.0	.0	.0	1.5	8.4	.0	.0	8.4	9.9
RP 3.07: PEANUTS	.5	.0	.0	.0	.5	6.6	2.0	.0	8.6	9.1
RP 3.08: SUGAR	5.3	.0	.0	.0	5.3	1.8	.0	.0	1.8	7.1
RP 3.09: FORAGE, RANGE, & PASTURE	1.5	.0	.0	.0	1.5	25.2	.0	.0	25.2	26.7
RP 3.10: COTTON	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.11: TOBACCO	.4	.0	.0	.0	.4	2.6	.0	.0	2.6	2.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.13: FRUIT	41.6	.0	.0	.0	41.6	61.1	.0	.0	61.1	102.7
RP 3.14: VEGETABLE CROPS	3.1	.0	.0	.0	3.1	50.3	.0	.0	50.3	53.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.9	.0	.0	.0	1.9	29.1	.0	.0	29.1	31.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.01: BEEF	1.1	.0	.0	.0	1.1	20.5	.9	.0	21.4	22.5
RP 4.02: DAIRY	.7	.0	.0	.0	.7	10.1	.0	.0	10.1	10.8
RP 4.03: POULTRY	.1	.0	.0	.0	.1	6.5	.0	.0	6.5	6.6
RP 4.04: SHEEP	.2	.0	.0	.0	.2	1.4	.0	.0	1.4	1.6
RP 4.05: SWINE	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

FLORIDA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.1	.7	.0	3.7	3.7
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.3	2.8	.0	7.1	7.1
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	8.7	.8	.0	9.5	9.5
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	17.9	.0	.0	.0	17.9	.0	.0	.0	.0	17.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	2.7	.0	.0	.0	2.7	.5	.0	.0	.5	3.2
RP 6.03: MARKETING & COMPETITION	5.3	2.0	.0	.0	7.3	7.4	.0	.0	7.4	14.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	18.4	.0	.0	.0	18.4	24.2	.0	.0	24.2	42.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	114.5	2.0	.0	15.0	131.5	368.4	13.5	.0	381.9	513.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

GEORGIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.8	.0	.0	.0	2.8	6.0	.2	.0	6.2	9.0
RP 1.02: WATER & WATERSHEDS	8.3	.0	.0	.0	8.3	1.3	.0	.0	1.3	9.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	8.7	1.0	.0	.0	9.7	4.5	.4	.0	5.0	14.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.4	.0	.6	.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	2.0	2.0	8.4	.0	.0	8.4	10.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	26.8	26.8	4.8	.0	.0	4.8	31.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	16.0	16.0	7.7	.0	.0	7.7	23.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.3	3.3	1.2	.0	.0	1.2	4.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	9.5	.0	.0	.0	9.5	3.9	.2	.0	4.1	13.6
RP 3.02: GRAIN SORGHUM	2.2	.0	.0	.0	2.2	2.2	.0	.0	2.2	4.4
RP 3.03: WHEAT	3.3	.0	.0	.0	3.3	1.1	.0	.0	1.1	4.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0	.4	2.7	.0	.0	2.7	3.1
RP 3.05: RICE	.9	.0	.0	.0	.9	.0	.0	.0	.0	.9
RP 3.06: SOYBEANS	2.8	.0	.0	.0	2.8	8.6	1.3	.0	9.9	12.7
RP 3.07: PEANUTS	9.9	.0	.0	.0	9.9	8.7	.0	.0	8.7	18.6
RP 3.09: FORAGE, RANGE, & PASTURE	13.7	.0	.0	.0	13.7	8.9	.0	.0	8.9	22.6
RP 3.10: COTTON	2.5	.0	.0	.0	2.5	3.7	.0	.0	3.7	6.2
RP 3.11: TOBACCO	13.1	.0	.0	.0	13.1	2.7	.0	.0	2.7	15.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	5.3	.0	.0	.0	5.3	.4	.0	.0	.4	5.7
RP 3.13: FRUIT	22.3	.0	.0	.0	22.3	14.4	1.5	.0	15.9	38.2
RP 3.14: VEGETABLE CROPS	9.5	.0	.0	.0	9.5	14.8	1.2	.0	16.0	25.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.7	.0	.0	.0	1.7	7.8	.0	.0	7.8	9.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.01: BEEF	1.2	.0	.0	.0	1.2	11.2	.6	.0	11.8	13.0
RP 4.02: DAIRY	.9	.0	.0	.0	.9	7.4	.0	.0	7.4	8.3
RP 4.03: POULTRY	14.6	.0	.0	.0	14.6	10.3	.3	.0	10.6	25.2
RP 4.04: SHEEP	1.4	.0	.0	.0	1.4	.3	.2	.0	.5	1.9
RP 4.05: SWINE	6.5	.0	.0	.0	6.5	7.3	.3	.0	7.6	14.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.7	.0	.0	.0	.7	1.1	.3	.0	1.4	2.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 5.01: FOOD & NUTRITION	2.1	.0	.0	.0	2.1	3.4	2.4	.0	5.8	7.9
RP 5.02: FOOD SAFETY	14.6	.0	.0	.0	14.6	4.0	.3	.0	4.3	18.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	2.1	1.0	.0	.0	3.1	4.2	1.2	.0	5.4	8.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

					(PRIMARY)	REGION 2				
						GEORGIA				
	ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.1	.0	.0	.1	2.8	4.8	.0	7.6	7.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	8.7	4.8	.0	.0	13.5	7.7	.0	.0	7.7	21.3
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	12.2	.0	.0	.0	12.2	7.3	.9	.0	8.1	20.3
GRAND TOTAL	181.9	6.9	.0	48.0	236.8	187.5	16.4	.0	203.9	440.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	13.0	13.0	2.1	.0	.0	2.1	15.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.01: CORN	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RP 3.09: FORAGE, RANGE, & PASTURE	1.8	.0	.0	.0	1.8	7.1	.0	.0	7.1	8.9
RP 3.11: TOBACCO	9.8	.0	.0	.0	9.8	5.5	.0	.0	5.5	15.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.0	.2	2.9	.0	.0	2.9	3.1
RP 4.01: BEEF	.0	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.04: SHEEP	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	9.7	.0	.0	9.7	9.7
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.2	8.8	.0	12.0	12.0
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	.0	1.0	9.9	1.8	.0	11.7	12.7
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.2	.0	.0	.0	.2	5.1	.0	.0	5.1	5.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
GRAND TOTAL	12.0	1.0	.0	13.0	26.0	101.1	10.6	.0	111.7	137.7

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2
LOUISIANA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAHS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAHS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.8	.0	.0	.0	.8	5.4	.0	.0	5.4	6.2
RP 1.02: WATER & WATERSHEDS	.4	.0	.0	.0	.4	.6	.0	.0	.6	1.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAL QUALITY	4.0	.0	.0	.0	4.0	4.8	.5	.0	5.3	9.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	4.0	4.0	.1	.0	.0	.1	4.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	12.9	12.9	6.0	.0	.6	6.6	19.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	6.0	6.0	1.3	.0	1.2	2.5	8.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	11.1	11.1	1.2	.0	.6	1.8	12.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.7	2.7	1.0	.0	.6	1.6	4.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.6	.0	.6	1.2	1.2
RP 3.01: CORN	.1	.0	.0	.0	.1	2.5	.0	.0	2.5	2.6
RP 3.02: GRAIN SORGHUM	2.8	.0	.0	.0	2.8	1.4	.0	.0	1.4	4.2
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.6	.0	.0	.0	2.6	.5	.0	.0	.5	3.1
RP 3.05: RICE	5.4	.0	.0	.0	5.4	15.7	.0	.0	15.7	21.1
RP 3.06: SOYBEANS	.4	.0	.0	.0	.4	10.0	.9	.0	10.9	11.3
RP 3.07: PEANUTS	5.4	.0	.0	.0	5.4	.0	.5	.0	.5	5.9
RP 3.08: SUGAR	13.8	.0	.0	.0	13.8	13.1	.0	.0	13.1	27.0
RP 3.09: FORAGE, RANGE, & PASTURE	.3	.0	.0	.0	.3	11.1	.0	.0	11.1	11.4
RP 3.10: COTTON	118.1	.0	.0	.0	118.1	11.7	.0	.0	11.7	129.8
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.13: FRUIT	.0	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RP 3.14: VEGETABLE CROPS	.2	.0	.0	.0	.2	17.7	.3	.0	18.0	18.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	7.6	.0	.0	7.6	7.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	6.2	.0	.0	.0	6.2	.0	.0	.0	.0	6.2
RP 4.01: BEEF	1.8	.0	.0	.0	1.8	19.9	.7	.0	20.6	22.4
RP 4.02: DAIRY	.3	.0	.0	.0	.3	18.1	.5	.0	18.6	18.9
RP 4.03: POULTRY	.0	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.05: SWINE	.0	.0	.0	.0	.0	1.1	.1	.0	1.2	1.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.2	.0	.0	.0	.2	3.2	.0	.0	3.2	3.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	6.1	.5	.0	6.6	6.6
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.4	.6	.0	2.0	2.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

						(PRIMARY)	REGION 2				
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL	
RP 5.02: FOOD SAFETY	6.8	.0	.0	.0	6.8	1.4	.4	.0	1.8	8.6	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	3.8	.0	.0	.0	3.8	7.2	.9	.0	8.1	11.8	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	1.0	.0	.0	.0	1.0	.5	.0	.0	.5	1.5	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	3.3	.6	.0	3.9	3.9	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	3.9	.0	.0	.0	3.9	.5	.0	.0	.5	4.4	
RP 6.03: MARKETING & COMPETITION	.0	3.8	.0	.0	3.8	7.1	.7	.0	7.8	11.6	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	1.5	.0	.0	.0	1.5	5.2	.2	.0	5.5	7.0	
GRAND TOTAL	179.7	3.8	.0	36.7	220.2	209.4	7.4	3.6	220.4	440.6	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

MISSISSIPPI

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.3	.0	.0	.0	1.3	4.2	.0	.0	4.2	5.5
RP 1.02: WATER & WATERSHEDS	19.5	.0	.0	.0	19.5	.1	.0	.0	.1	19.6
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	3.0	.7	.0	.0	3.7	4.5	.8	.0	5.3	9.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	15.9	15.9	2.9	.0	.0	2.9	18.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	14.6	14.6	4.9	.0	.0	4.9	19.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	3.0	3.0	13.4	.0	.0	13.4	16.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	4.0	4.0	.0	.0	.0	.0	4.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.01: CORN	5.9	.0	.0	.0	5.9	1.5	.0	.0	1.5	7.4
RP 3.02: GRAIN SORGHUM	.3	.0	.0	.0	.3	.8	.0	.0	.8	1.1
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.6	.2	.0	.8	.8
RP 3.05: RICE	.2	.0	.0	.0	.2	1.3	.0	.0	1.3	1.5
RP 3.06: SOYBEANS	13.3	.3	.0	.0	13.6	9.5	.0	.0	9.5	23.2
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	3.5	.0	.0	.0	3.5	.0	.0	.0	.0	3.5
RP 3.09: FORAGE, RANGE, & PASTURE	1.6	.0	.0	.0	1.6	8.0	.1	.0	8.1	9.7
RP 3.10: COTTON	52.5	1.0	.0	.0	53.4	20.6	.0	.0	20.6	74.1
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.3	.0	.0	.0	1.3	.0	.0	.0	.0	1.3
RP 3.13: FRUIT	1.7	.0	.0	.0	1.7	6.3	.0	.0	6.3	8.0
RP 3.14: VEGETABLE CROPS	.1	.0	.0	.0	.1	10.9	.0	.0	10.9	10.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 4.01: BEEF	.0	.0	.0	.0	.0	9.8	.4	.0	10.1	10.1
RP 4.02: DAIRY	.0	.0	.0	.0	.0	10.0	.0	.0	10.0	10.0
RP 4.03: POULTRY	5.0	.0	.0	.0	5.0	5.3	.0	.0	5.3	10.3
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.05: SWINE	.0	.0	.0	.0	.0	3.9	.2	.0	4.1	4.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.4	.5	.0	2.9	2.9
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 2			
RESEARCH PROGRAM SUMMARY					MISSISSIPPI						
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	.0	1.0	5.0	2.8	.0	7.8	8.8	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	2.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 6.03: MARKETING & COMPETITION	.0	3.1	.0	.0	3.1	2.7	.0	.0	2.7	5.8	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	8.1	.0	.0	.0	8.1	2.8	.1	.0	2.8	11.0	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	119.3	6.1	.0	37.5	162.9	147.9	5.1	.0	153.0	315.9	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 2

RESEARCH PROGRAM SUMMARY

NORTH CAROLINA

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.6	.0	.9	.9
RP 1.04: ENVIRONMENTAL QUALITY	5.0	.0	.0	.0	5.0	9.0	2.5	.0	11.5	16.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	1.1	.1	.0	1.2	1.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	9.0	9.0	.7	.0	.0	.7	9.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	10.3	10.3	6.9	.0	.0	6.9	17.2
RP 2.03: FOREST PROTECTION	.0	.0	.0	11.0	11.0	3.4	.0	.0	3.4	14.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.9	2.9	.0	.0	.0	.0	2.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.0	1.0	.3	.0	.0	.3	1.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	2.8	.0	.0	.0	2.8	6.6	.0	.0	6.6	9.4
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.06: SOYBEANS	4.6	.0	.0	.0	4.6	10.1	.0	.0	10.1	14.7
RP 3.07: PEANUTS	2.1	.0	.0	.0	2.1	7.0	.0	.0	7.0	9.1
RP 3.09: FORAGE, RANGE, & PASTURE	3.5	.0	.0	.0	3.5	2.5	.0	.0	2.5	5.9
RP 3.10: COTTON	2.7	.0	.0	.0	2.7	3.7	.0	.0	3.7	6.4
RP 3.11: TOBACCO	11.1	.0	.0	.0	11.1	22.2	.2	.0	22.4	33.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.13: FRUIT	.1	.0	.0	.0	.1	15.1	.0	.0	15.1	15.1
RP 3.14: VEGETABLE CROPS	3.5	.0	.0	.0	3.5	18.2	.0	.0	18.2	21.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.01: BEEF	.3	.0	.0	.0	.3	5.3	1.0	.0	6.3	6.6
RP 4.02: DAIRY	.2	.0	.0	.0	.2	9.0	.5	.0	9.5	9.7
RP 4.03: POULTRY	.0	.0	.0	.0	.0	12.7	.0	.0	12.7	12.7
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.05: SWINE	.0	.0	.0	.0	.0	5.3	.5	.0	5.7	5.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.4	.1	.0	1.4	1.4
RP 5.01: FOOD & NUTRITION	.3	.0	.0	.0	.3	.7	.5	.0	1.2	1.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2
NORTH CAROLINA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.02: FOOD SAFETY	1.9	.0	.0	.0	1.9	2.8	.0	.0	2.8	4.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.1	.0	.0	.1	9.0	1.9	.0	10.9	11.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.2	.0	.0	1.2	.8	.0	.0	.8	2.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	1.0	.0	.0	.0	1.0	3.2	.6	.0	3.8	4.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	1.9	.0	.0	.0	1.9	21.9	.0	.0	21.9	23.9
GRAND TOTAL	41.0	1.3	.0	34.1	76.4	203.5	8.4	.0	211.9	288.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

OKLAHOMA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.3	.0	.0	.0	.3	1.5	.0	.0	1.5	1.8
RP 1.02: WATER & WATERSHEDS	7.8	1.0	.0	.0	8.8	2.5	.0	.0	2.5	11.3
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.2	.0	.5	.5
RP 1.04: ENVIRONMENTAL QUALITY	6.6	.0	.0	.0	6.6	1.7	4.1	.0	5.8	12.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.2	.0	.0	.0	.2	.4	.0	.0	.4	.7
RP 3.02: GRAIN SORGHUM	.7	.0	.0	.0	.7	2.1	.0	.0	2.1	2.8
RP 3.03: WHEAT	4.0	.0	.0	.0	4.0	7.3	.0	.0	7.3	11.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.5	.0	.0	.0	.5	2.1	.3	.0	2.4	2.8
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.07: PEANUTS	2.0	.0	.0	.0	2.0	2.1	.0	.0	2.1	4.1
RP 3.09: FORAGE, RANGE, & PASTURE	3.1	.0	.0	.0	3.1	8.4	.0	.0	8.4	11.5
RP 3.10: COTTON	.0	.0	.0	.0	.0	4.6	5.2	.0	9.8	9.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.13: FRUIT	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.01: BEEF	4.6	.0	.0	.0	4.6	14.7	.0	.0	14.7	19.3
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.1	.0	.0	.0	.1	.6	.0	.0	.6	.7
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.8	1.8	.0	3.6	3.6
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.8	.0	.0	1.8	4.1	.0	.0	4.1	5.9
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	4.1	.0	.0	4.1	5.2	.0	.0	5.2	9.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

OKLAHOMA

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	10.9	.0	.0	10.9	10.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	29.8	6.9	.0	.0	36.7	99.6	11.6	.0	111.2	147.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2
SOUTH CAROLINA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.3	.0	.0	.0	2.3	2.4	.6	.0	3.0	5.3
RP 1.02: WATER & WATERSHEDS	1.3	.0	.0	.0	1.3	.9	.0	.0	.9	2.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.8	1.2	.0	4.9	4.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	13.2	13.2	.0	.0	4.8	4.8	18.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	1.9	1.9	1.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.0	3.0	.0	.0	.9	.9	3.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.0	1.0	.3	.0	.5	.8	1.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.06: SOYBEANS	.6	.0	.0	.0	.6	9.3	1.9	.0	11.2	11.8
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.0	.0	1.0	6.1	.0	.0	6.1	7.1
RP 3.10: COTTON	13.2	.0	.0	.0	13.2	3.1	.0	.0	3.1	16.3
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	1.0	.0	.0	.0	1.0	10.2	.0	.0	10.2	11.2
RP 3.14: VEGETABLE CROPS	12.8	.0	.0	.0	12.8	8.3	1.0	.0	9.3	22.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	4.9	.0	.0	4.9	5.2
RP 4.01: BEEF	.0	.0	.0	.0	.0	5.6	.0	.0	5.6	5.6
RP 4.02: DAIRY	.0	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 4.03: POULTRY	.0	.0	.0	.0	.0	4.1	.0	.1	4.2	4.2
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.6	1.7	.0	3.2	3.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.7	.5	.0	1.2	1.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	3.0	.9	.0	.0	3.9	3.7	.7	.0	4.4	8.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

SOUTH CAROLINA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.03: MARKETING & COMPETITION	.0	2.0	.0	.0	2.0	3.0	.0	.0	3.0	5.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	3.1	.3	.0	3.4	3.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	1.0	.0	2.0	3.0	3.0
GRAND TOTAL	35.5	2.9	.0	17.2	55.6	97.8	7.8	12.0	117.6	173.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04: ENVIRONMENTAL QUALITY	.7	.0	.0	.0	.7	1.9	1.2	.0	3.1	3.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	4.0	4.0	2.8	.0	.0	2.8	6.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.06: SOYBEANS	1.3	.0	.0	.0	1.3	6.0	.0	.0	6.0	7.3
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.10: COTTON	6.6	.0	.0	.0	6.6	5.6	.0	.0	5.6	12.2
RP 3.11: TOBACCO	2.0	.0	.0	.0	2.0	3.8	.0	.0	3.8	5.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13: FRUIT	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.4	.4	.0	4.8	4.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.01: BEEF	1.0	.0	.0	.0	1.0	10.2	.5	.0	10.7	11.7
RP 4.02: DAIRY	1.2	.0	.0	.0	1.2	8.0	.0	.0	8.0	9.2
RP 4.03: POULTRY	.0	.0	.0	.0	.0	2.7	.8	.0	3.5	3.5
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.05: SWINE	.0	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.1	.1	.0	3.2	3.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.4	.1	.0	.5	.5
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	4.0	.0	.0	.0	4.0	8.0	2.9	.0	10.9	14.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

TENNESSEE

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INITS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.2	.4	.0	1.6	1.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	5.0	.2	.0	5.2	5.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.4	.3	.0	2.7	2.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	16.8	.0	.0	4.0	20.8	101.0	6.9	.0	107.9	128.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977		(PRIMARY)					REGION 2				TOTAL
							TEXAS				
RESEARCH PROGRAM SUMMARY		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	
RP 1.01:	SOIL & LAND USE	3.7	.0	.0	.0	3.7	9.9	.5	.0	10.3	14.1
RP 1.02:	WATER & WATERSHEDS	17.0	.0	.0	.0	17.0	9.2	.0	.0	9.2	26.2
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 1.04:	ENVIRONMENTAL QUALITY	.5	.0	.0	.0	.5	7.7	.5	.0	8.2	8.7
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.0	.4	.5	.0	.0	.5	.9
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RP 1.07:	REMOTE SENSING	3.5	.0	.0	.0	3.5	.3	.0	.0	.3	3.8
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.3	.0	.2	.5	.5
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.5	.5	2.0	.0	2.0	4.0	4.4
RP 2.03:	FOREST PROTECTION	.0	.0	.0	.0	.0	2.6	.0	1.8	4.4	4.4
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.0	.6	.7	.7
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	4.1	4.1	.2	.0	.4	.6	4.7
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	.0	.3	.4	.4
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.2	.0	.2	.3	.3
RP 3.01:	CORN	.2	.0	.0	.0	.2	2.3	.0	.0	2.3	2.6
RP 3.02:	GRAIN SORGHUM	2.8	.0	.0	.0	2.8	10.3	.0	.0	10.3	13.0
RP 3.03:	WHEAT	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	2.9	.1	.0	3.0	3.0
RP 3.05:	RICE	4.0	.0	.0	.0	4.0	4.3	.0	.0	4.3	8.3
RP 3.06:	SOYBEANS	.3	.0	.0	.0	.3	3.0	.0	.0	3.0	3.3
RP 3.07:	PEANUTS	1.0	.0	.0	.0	1.0	6.9	.0	.0	6.9	7.9
RP 3.08:	SUGAR	1.7	.0	.0	.0	1.7	2.8	.0	.0	2.8	4.5
RP 3.09:	FORAGE, RANGE, & PASTURE	13.5	.0	.0	.0	13.5	21.1	.0	.0	21.1	34.7
RP 3.10:	COTTON	36.2	.0	.0	.0	36.2	19.7	.0	.0	19.7	55.9
RP 3.12:	NEW CROPS & MINOR OILSEEDS	3.2	.0	.0	.0	3.2	1.5	.0	.0	1.5	4.7
RP 3.13:	FRUIT	10.7	.0	.0	.0	10.7	10.3	.0	.0	10.3	21.0
RP 3.14:	VEGETABLE CROPS	4.8	.0	.0	.0	4.8	16.3	.5	.0	16.8	21.7
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.0	.2	5.0	.0	.0	5.0	5.2
RP 4.01:	BEEF	23.6	.0	.0	.0	23.6	18.2	.0	.0	18.2	41.8
RP 4.02:	DAIRY	8.6	.0	.0	.0	8.6	3.7	.0	.0	3.7	12.3
RP 4.03:	POULTRY	4.1	.0	.0	.0	4.1	9.8	.0	.0	9.8	13.9
RP 4.04:	SHEEP	2.3	.0	.0	.0	2.3	3.5	.0	.0	3.5	5.8
RP 4.05:	SWINE	2.3	.0	.0	.0	2.3	1.1	.1	.0	1.2	3.5
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.3	.0	.0	.0	2.3	2.0	.0	.0	2.0	4.3
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 2			
RESEARCH PROGRAM SUMMARY		TEXAS									
		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	3.7	.4	.0	4.1	4.1
RP 5.02:	FOOD SAFETY	6.8	.0	.0	.0	6.8	.7	.0	.0	.7	7.5
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	6.0	1.4	.0	7.4	7.4
RP 5.04:	INSECTS AFFECTING MAN & HIS BELONGINGS	.2	.0	.0	.0	.2	.8	.0	.0	.8	1.0
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	1.2	.0	.0	1.2	3.7	.0	.0	3.7	4.9
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.4	.0	.0	.0	.4	.4	.0	.0	.4	.8
RP 6.03:	MARKETING & COMPETITION	3.7	3.0	.0	.0	6.7	7.9	.2	.0	8.1	14.8
RP 7.01:	GENERAL RESOURCE OR TECHNOLOGY	5.6	.0	.0	.0	5.6	8.3	.0	.0	8.3	13.8
RP 9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0	45.6	.0	1.2	46.8	46.8
GRAND TOTAL		163.5	4.2	.0	4.6	172.3	272.3	3.8	6.7	282.8	455.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

VIRGINIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.4	.0	.0	.0	.4	7.3	.0	.0	7.3	7.7
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	4.0	.7	.0	4.7	4.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.06: SOYBEANS	.1	.0	.0	.0	.1	5.9	1.2	.0	7.1	7.2
RP 3.07: PEANUTS	4.9	.0	.0	.0	4.9	2.9	.3	.0	3.2	8.0
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.0	.0	1.0	7.6	.0	.0	7.6	8.6
RP 3.10: COTTON	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.11: TOBACCO	2.5	.0	.0	.0	2.5	8.7	.0	.0	8.7	11.2
RP 3.13: FRUIT	.0	.0	.0	.0	.0	8.5	.0	.0	8.5	8.5
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.4	4.3	.0	5.7	5.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	6.2	.0	.0	6.2	6.2
RP 4.01: BEEF	.0	.0	.0	.0	.0	9.6	.0	.0	9.6	9.6
RP 4.02: DAIRY	.0	.0	.0	.0	.0	7.4	.0	.0	7.4	7.4
RP 4.03: POULTRY	.0	.0	.0	.0	.0	9.4	1.0	.0	10.4	10.4
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 4.05: SWINE	.0	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	6.0	2.0	.0	8.0	8.0
RP 5.02: FOOD SAFETY	.3	.0	.0	.0	.3	2.1	.7	.0	2.8	3.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.4	.0	.0	.4	7.1	1.5	.0	8.6	9.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 2				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	1.0	.0	.0	1.0	4.2	.0	.0	4.2	5.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.1	.0	.0	.0	.1	21.9	.0	.0	21.9	22.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
GRAND TOTAL	9.3	1.4	.0	.0	10.7	162.3	11.7	.0	174.0	184.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2
PUERTO RICO

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.3	.0	.0	.0	4.3	1.5	.0	.0	1.5	5.8
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	6.0	6.0	.0	.0	.0	.0	6.0
RP 3.01: CORN	.3	.0	.0	.0	.3	1.0	.0	.0	1.0	1.3
RP 3.02: GRAIN SORGHUM	.6	.0	.0	.0	.6	1.4	.0	.0	1.4	2.0
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.05: RICE	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.06: SOYBEANS	.5	.0	.0	.0	.5	.5	.0	.0	.5	.9
RP 3.08: SUGAR	.0	.0	.0	.0	.0	17.6	.0	.0	17.6	17.6
RP 3.09: FORAGE, RANGE, & PASTURE	.2	.0	.0	.0	.2	4.7	.0	.0	4.7	4.9
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	.5	.0	.0	.0	.5	4.3	.0	.0	4.3	4.8
RP 3.13: FRUIT	.3	.0	.0	.0	.3	14.0	.0	.0	14.0	14.3
RP 3.14: VEGETABLE CROPS	2.8	.0	.0	.0	2.8	25.2	.0	.0	25.2	28.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 4.01: BEEF	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.05: SWINE	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.01: FOOD & NUTRITION	3.0	.0	.0	.0	3.0	.6	.0	.0	.6	3.6
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
GRAND TOTAL	12.3	.0	.0	6.0	18.3	103.4	.0	.0	103.4	121.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 2

VIRGIN IS

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.04: ENVIRONMENTAL QUALITY	.4	.0	.0	.0	.4	.0	.0	.0	.0	.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.01: BEEF	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.4	.0	.0	.0	.4	4.5	.0	.0	4.5	4.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

ALASKA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.6	.0	.0	.0	.6	.3	.0	.0	.3	.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	2.0	2.0	.0	.0	.4	.4	2.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.9	5.9	.0	.0	.3	.3	6.2
RP 2.03: FOREST PROTECTION	.0	.0	.0	4.9	4.9	.0	.0	.0	.0	4.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.1	3.1	.0	.0	.1	.1	3.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.4	.0	.0	.4	.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.6	.0	.0	.0	.6	1.1	.0	.0	1.1	1.7
RP 3.09: FORAGE, RANGE, & PASTURE	1.6	.0	.0	.0	1.6	.9	.0	.0	.9	2.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	.1	.0	.0	.0	.1	.4	.0	.0	.4	.5
RP 3.14: VEGETABLE CROPS	1.5	.0	.0	.0	1.5	.6	.0	.0	.6	2.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.5	.0	.0	.0	.5	.5	.0	.0	.5	1.0
RP 4.01: BEEF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.3	.0	.0	.0	.3	.0	.0	.0	.0	.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.9	.0	.0	.0	.9	1.3	.0	.0	1.3	2.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	6.1	.0	.0	15.9	22.0	10.3	.0	1.0	11.3	33.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

ILLINOIS

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.8	.0	.0	.0	3.8	13.2	.0	.0	13.2	17.0
RP 1.02: WATER & WATERSHEDS	1.8	.0	.0	.0	1.8	2.9	.0	.0	2.9	4.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	16.0	.0	.0	.0	16.0	7.5	.0	.3	7.8	23.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.5	.0	.3	.8	.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.2	5.2	1.6	.0	2.0	3.6	8.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	1.7	1.7	.4	.0	.0	.4	2.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	5.9	5.9	1.8	.0	.1	1.9	7.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.5	.0	.7	2.2	2.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7	.0	.6	1.3	1.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.4	.0	.1	.5	.5
RP 3.01: CORN	26.6	.0	.0	.0	26.6	11.3	.0	.0	11.3	37.9
RP 3.02: GRAIN SORGHUM	4.1	.0	.0	.0	4.1	.7	.0	.0	.7	4.8
RP 3.03: WHEAT	17.8	.0	.0	.0	17.8	.9	.0	.0	.9	18.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	3.9	.0	.0	.0	3.9	.9	.0	.0	.9	4.8
RP 3.05: RICE	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.06: SOYBEANS	40.0	.0	.0	.0	40.0	18.5	.0	.0	18.5	58.5
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 3.10: COTTON	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	14.5	.0	.0	.0	14.5	.1	.0	.0	.1	14.5
RP 3.13: FRUIT	1.0	.0	.0	.0	1.0	5.7	.0	.0	5.7	6.8
RP 3.14: VEGETABLE CROPS	.8	.0	.0	.0	.8	5.4	.0	.0	5.4	6.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.01: BEEF	2.4	.0	.0	.0	2.4	5.7	.0	.0	5.7	8.2
RP 4.02: DAIRY	.6	.0	.0	.0	.6	13.1	.0	.0	13.1	13.7
RP 4.03: POULTRY	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.04: SHEEP	.2	.0	.0	.0	.2	3.2	.0	.0	3.2	3.4
RP 4.05: SWINE	.2	.0	.0	.0	.2	8.6	.0	.0	8.6	8.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.01: FOOD & NUTRITION	8.2	.0	.0	.0	8.2	6.4	.0	.0	6.4	14.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

ILLINOIS

	ARS	ERS	FCS/ERS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.02: FOOD SAFETY	26.3	.0	.0	.0	26.3	1.3	.0	.0	1.3	27.6
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	7.8	.0	.2	7.9	7.9
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.7	.0	.0	.7	9.7	.0	.0	9.7	10.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.4	.0	.0	.0	1.4	.5	.0	.0	.5	1.9
RP 6.03: MARKETING & COMPETITION	.0	3.9	.0	.0	3.9	4.7	.0	.0	4.7	8.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	21.7	.0	.0	.0	21.7	10.3	.0	.0	10.3	32.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
GRAND TOTAL	191.2	4.6	.0	12.8	208.6	163.7	.0	4.3	168.0	376.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

INDIANA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.6	.0	.0	.0	.6	6.9	.0	.0	6.9	7.5
RP 1.02: WATER & WATERSHEDS	1.4	.0	.0	.0	1.4	3.5	.0	.0	3.5	4.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	3.0	.0	.0	.0	3.0	7.6	.0	.0	7.6	10.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	1.7	.0	.0	.0	1.7	12.7	.0	.0	12.7	14.4
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.03: WHEAT	.8	.0	.0	.0	.8	4.9	.0	.0	4.9	5.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0	.4	.4	.0	.0	.4	.8
RP 3.06: SOYBEANS	3.0	.0	.0	.0	3.0	9.3	.0	.0	9.3	12.3
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.0	.0	1.0	4.6	.0	.0	4.6	5.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	.1	.0	.0	.0	.1	3.3	.0	.0	3.3	3.4
RP 3.13: FRUIT	2.0	.0	.0	.0	2.0	3.9	.0	.0	3.9	5.9
RP 3.14: VEGETABLE CROPS	1.0	.0	.0	.0	1.0	7.1	.0	.0	7.1	8.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.01: BEEF	.0	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 4.02: DAIRY	.0	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 4.03: POULTRY	2.0	.0	.0	.0	2.0	5.6	.0	.0	5.6	7.6
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.05: SWINE	.4	.0	.0	.0	.4	10.5	.0	.0	10.5	10.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 5.02: FOOD SAFETY	.2	.0	.0	.0	.2	1.5	.0	.0	1.5	1.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

INDIANA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	2.1	.0	.0	2.1	6.0	.0	.0	6.0	8.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	2.2	.0	.0	.0	2.2	32.0	.0	.0	32.0	34.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
GRAND TOTAL	19.8	2.1	.0	.0	21.9	176.5	.0	.0	176.5	198.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

IOWA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.8	.0	.0	.0	1.8	8.6	.0	.0	8.6	10.5
RP 1.02: WATER & WATERSHEDS	.3	.0	.0	.0	.3	3.4	.0	.0	3.4	3.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.7	.0	.0	.7	5.2	.0	.0	5.2	5.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	9.9	.0	.0	.0	9.9	12.6	.0	.0	12.6	22.5
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.5	.0	.0	.0	.5	2.9	.0	.0	2.9	3.4
RP 3.06: SOYBEANS	4.7	.0	.0	.0	4.7	8.9	.0	.0	8.9	13.6
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.13: FRUIT	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.6	.0	.0	.0	.6	3.4	.0	.0	3.4	4.0
RP 4.01: BEEF	16.8	.0	.0	.0	16.8	7.0	.0	.0	7.0	23.8
RP 4.02: DAIRY	15.2	.0	.0	.0	15.2	3.7	.0	.0	3.7	18.9
RP 4.03: POULTRY	8.4	.0	.0	.0	8.4	2.9	.0	.0	2.9	11.3
RP 4.04: SHEEP	2.2	.0	.0	.0	2.2	.3	.0	.0	.3	2.5
RP 4.05: SWINE	11.8	.0	.0	.0	11.8	9.0	.0	.0	9.0	20.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.7	.0	.0	.0	1.7	1.7	.0	.0	1.7	3.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 5.02: FOOD SAFETY	.1	.0	.0	.0	.1	2.9	.0	.0	2.9	3.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.7	.0	.0	.0	1.7	2.8	.0	.0	2.8	4.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 3				TOTAL
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.0	.0	.0	.0	3.0	6.2	.0	.0	6.2	9.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
GRAND TOTAL	78.8	.7	.0	.0	79.5	116.6	.0	.0	116.6	196.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REGION 3				
RESEARCH PROGRAM SUMMARY					KANSAS							
	ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL		
RP 1.01: SOIL & LAND USE	2.6	.0	.0	.0	2.6	4.4	.0	.0	4.4	7.1		
RP 1.02: WATER & WATERSHEDS	2.2	.0	.0	.0	2.2	9.0	.0	.0	9.0	11.2		
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8		
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.3	.0	.0	.0	.3	4.9	.0	.0	4.9	2.2		
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8		
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9		
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1		
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1		
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6		
RP 3.01: CORN	4.4	.2	.0	.0	4.6	8.5	.0	.0	8.5	13.1		
RP 3.02: GRAIN SORGHUM	2.9	.1	.0	.0	3.0	12.2	.0	.0	12.2	15.2		
RP 3.03: WHEAT	11.7	.2	.0	.0	12.0	17.7	.0	.0	17.7	29.7		
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.7	.1	.0	.0	1.8	1.3	.0	.0	1.3	3.1		
RP 3.05: RICE	2.0	.1	.0	.0	2.1	.0	.0	.0	.0	2.2		
RP 3.06: SOYBEANS	.8	.0	.0	.0	.8	6.2	.0	.0	6.2	7.0		
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8		
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.1	.0	.0	1.1	11.2	.0	.0	11.2	12.3		
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4		
RP 3.13: FRUIT	.0	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5		
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8		
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9		
RP 3.16: BEES & OTHER POLLINATING INSECTS	.2	.0	.0	.0	.2	.1	.0	.0	.1	.3		
RP 4.01: BEEF	.2	.0	.0	.0	.2	15.3	.0	.0	15.3	15.5		
RP 4.02: DAIRY	.0	.0	.0	.0	.0	8.6	.0	.0	8.6	8.6		
RP 4.03: POULTRY	.0	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4		
RP 4.04: SHEEP	.0	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1		
RP 4.05: SWINE	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9		
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2		
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2		
RP 5.01: FOOD & NUTRITION	.5	.0	.0	.0	.5	3.5	.0	.0	3.5	4.0		
RP 5.02: FOOD SAFETY	.9	.0	.0	.0	.9	1.3	.0	.0	1.3	2.2		
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	9.7	.0	.0	9.7	9.7		
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9		
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.1	.0	.0	.0	1.1	2.6	.0	.0	2.6	3.7		
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7		

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

KANSAS

	ARS	BRS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	2.7	2.1	.0	.0	4.8	4.4	.0	.0	4.4	9.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.1	.0	.0	.0	.1	13.2	.0	.0	13.2	13.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	14.4	.0	.0	14.4	14.4
GRAND TOTAL	35.2	3.0	.0	.0	38.2	185.6	.0	.0	185.6	223.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977						(PRIMARY)	REGION 3				
RESEARCH PROGRAM SUMMARY							MICHIGAN				
	ARS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	MICHIGAN ANN ARBOR	MICHIGAN BOUGHTON	CSRS/SARS TOTAL	TOTAL	
RP 1.01: SOIL & LAND USE	.0	1.0	.0	.0	1.0	5.8	.0	.0	5.8	6.8	
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0	
RP 1.04: ENVIRONMENTAL QUALITY	.1	.0	.0	.0	.1	10.9	.0	.0	10.9	11.0	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.4	1.1	.6	2.1	2.1	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	6.4	6.4	3.3	1.5	1.9	6.7	13.1	
RP 2.03: FOREST PROTECTION	.0	.0	.0	5.9	5.9	1.5	1.3	.0	2.8	8.7	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	4.0	4.0	2.4	.0	10.3	12.6	16.6	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.8	2.8	.1	.5	.9	1.5	4.3	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.2	.2	.0	.3	.3	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7	.3	.0	1.0	1.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	1.0	.1	.3	1.4	1.4	
RP 3.01: CORN	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7	
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 3.03: WHEAT	2.3	.0	.0	.0	2.3	4.1	.0	.0	4.1	6.4	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.0	.0	.0	.0	2.0	1.9	.0	.0	1.9	3.9	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	1.8	.4	.0	2.2	2.2	
RP 3.08: SUGAR	2.0	.0	.0	.0	2.0	.3	.0	.0	.3	2.3	
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 3.13: FRUIT	3.5	.0	.0	.0	3.5	18.0	.0	.0	18.0	21.5	
RP 3.14: VEGETABLE CROPS	1.8	.0	.0	.0	1.8	12.9	.0	.0	12.9	14.7	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 4.01: BEEF	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	15.3	.0	.0	15.3	15.3	
RP 4.03: POULTRY	10.0	.0	.0	.0	10.0	5.2	.0	.0	5.2	15.2	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6	
RP 4.05: SWINE	.0	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1	

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

					(PRIMARY)		REGION 3			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	MICHIGAN ANN ARBOR	MICHIGAN HOUGHTON	CSRS/SARS TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	8.5	.0	.0	8.5	8.5
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.5	.0	.0	.5	5.3	.0	.0	5.3	5.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	21.7	.0	.0	21.7	21.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	21.7	1.5	.0	19.1	42.3	168.3	5.3	13.9	187.5	229.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE	V-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 3				
						MINNESOTA						
		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL	
RESEARCH PROGRAM SUMMARY												
RP 1.01:	SOIL & LAND USE	4.8	.0	.0	.0	4.8	7.2	.0	.0	7.2	12.1	
RP 1.02:	WATER & WATERSHEDS	5.8	.0	.0	.0	5.8	1.3	.0	.0	1.3	7.1	
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RP 1.04:	ENVIRONMENTAL QUALITY	5.5	.0	.0	.0	5.5	4.6	.0	.0	4.6	10.1	
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.3	.0	.0	.0	.3	1.3	.0	.0	1.3	1.6	
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0	
RP 1.07:	REMOTE SENSING	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	6.0	6.0	1.3	.0	.0	1.3	7.3	
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	9.0	9.0	6.7	.0	.0	6.7	15.7	
RP 2.03:	FOREST PROTECTION	.0	.0	.0	7.8	7.8	1.4	.0	.0	1.4	9.2	
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	4.0	4.0	6.7	.0	.0	6.7	10.7	
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.6	3.6	1.5	.0	.0	1.5	5.1	
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.4	.4	1.4	.0	.0	1.4	1.8	
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.0	1.0	1.9	.0	.0	1.9	2.9	
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	3.0	3.0	1.1	.0	.0	1.1	4.1	
RP 3.01:	CORN	.1	.0	.0	.0	.1	7.7	.0	.0	7.7	7.9	
RP 3.03:	WHEAT	3.7	.0	.0	.0	3.7	1.8	.0	.0	1.8	5.5	
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	2.6	.0	.0	.0	2.6	5.3	.0	.0	5.3	7.9	
RP 3.05:	RICE	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9	
RP 3.06:	SOYBEANS	1.0	.0	.0	.0	1.0	5.7	.0	.0	5.7	6.7	
RP 3.09:	FORAGE, RANGE, & PASTURE	5.0	.0	.0	.0	5.0	4.9	.0	.0	4.9	9.9	
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7	
RP 3.13:	FRUIT	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3	
RP 3.14:	VEGETABLE CROPS	2.5	.0	.0	.0	2.5	11.1	.0	.0	11.1	13.5	
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5	
RP 3.16:	BEEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5	
RP 4.01:	BEEF	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2	
RP 4.02:	DAIRY	.0	.0	.0	.0	.0	10.0	.0	.0	10.0	10.0	
RP 4.03:	POULTRY	.1	.0	.0	.0	.1	6.4	.0	.0	6.4	6.5	
RP 4.04:	SHEEP	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7	
RP 4.05:	SWINE	.0	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3	
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5	
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	7.7	.0	.0	7.7	7.7	
RP 5.02:	FOOD SAFETY	.5	.0	.0	.0	.5	3.3	.0	.0	3.3	3.8	
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.1	.0	.0	.1	13.3	.0	.0	13.3	13.4	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

MINNESOTA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.8	.0	.0	.8	1.6	.0	.0	1.6	2.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	1.9	1.1	1.4	.0	4.4	3.5	.0	.0	3.5	7.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.6	.0	.0	.0	.6	14.2	.0	.0	14.2	14.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
GRAND TOTAL	34.3	2.0	1.4	34.8	72.5	168.0	.0	.0	168.0	240.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

MISSOURI

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.2	.0	.0	.0	1.2	3.1	.0	.0	3.1	4.3
RP 1.02: WATER & WATERSHEDS	5.6	.0	.0	.0	5.6	1.5	.0	.0	1.5	7.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	2.2	.0	.0	.0	2.2	2.9	.0	.0	2.9	5.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	4.8	4.8	3.4	.0	.0	3.4	8.2
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.2	.2	2.0	.0	.0	2.0	2.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.0	1.0	.6	.0	.0	.6	1.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	6.8	.0	.0	.0	6.8	7.9	.0	.0	7.9	14.7
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.03: WHEAT	1.2	.0	.0	.0	1.2	2.9	.0	.0	2.9	4.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.0	.1	.7	.0	.0	.7	.8
RP 3.06: SOYBEANS	4.8	.0	.0	.0	4.8	6.4	1.0	.0	7.4	12.2
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.09: FORAGE, RANGE, & PASTURE	1.3	.0	.0	.0	1.3	6.9	.0	.0	6.9	8.2
RP 3.10: COTTON	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.13: FRUIT	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.01: BEEF	2.1	.0	.0	.0	2.1	7.7	1.0	.0	8.7	10.9
RP 4.02: DAIRY	2.5	.0	.0	.0	2.5	7.8	.4	.0	8.2	10.6
RP 4.03: POULTRY	.0	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.2	.9	.0	2.1	2.1
RP 4.05: SWINE	.1	.0	.0	.0	.1	3.5	2.3	.0	5.8	5.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.9	11.6	.0	14.4	14.4
RP 5.02: FOOD SAFETY	.1	.0	.0	.0	.1	1.8	.0	.0	1.8	1.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

MISSOURI

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	.0	1.0	5.9	.2	.0	6.1	7.1
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.1	.0	.0	1.1	3.7	.0	.0	3.7	4.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.03: MARKETING & COMPETITION	.7	.0	.0	.0	.7	4.0	.0	.0	4.0	4.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	8.1	.0	.0	.0	8.1	8.8	.0	.0	8.8	16.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	36.7	2.1	.0	6.0	44.8	116.7	17.3	.0	134.0	178.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

NEBRASKA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.4	1.0	.0	.0	2.4	5.7	.0	.0	5.7	8.1
RP 1.02: WATER & WATERSHEDS	1.2	.0	.0	.0	1.2	4.1	.0	.0	4.1	5.3
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	8.7	1.6	.0	.0	10.3	2.9	.0	.0	2.9	13.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.03: FOREST PROTECTION	.0	.0	.0	2.0	2.0	.0	.0	.0	.0	2.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	2.0	2.0	.1	.0	.0	.1	2.1
RP 3.01: CORN	.0	.0	.0	.0	.0	11.6	.0	.0	11.6	11.6
RP 3.02: GRAIN SORGHUM	3.2	.0	.0	.0	3.2	8.3	.0	.0	8.3	11.5
RP 3.03: WHEAT	3.0	.0	.0	.0	3.0	6.5	.0	.0	6.5	9.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.09: FORAGE, RANGE, & PASTURE	5.3	.0	.0	.0	5.3	7.9	.0	.0	7.9	13.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.5	.0	.0	.0	.5	2.9	.0	.0	2.9	3.4
RP 4.01: BEEF	10.2	1.2	.0	.0	11.4	12.4	.0	.0	12.4	23.8
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 4.03: POULTRY	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 4.04: SHEEP	6.3	.0	.0	.0	6.3	1.0	.0	.0	1.0	7.3
RP 4.05: SWINE	7.1	.0	.0	.0	7.1	12.4	.0	.0	12.4	19.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.1	.0	.0	.0	.1	9.6	.0	.0	9.6	9.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.6	.0	.0	.0	.6	4.5	.0	.0	4.5	5.1
RP 6.03: MARKETING & COMPETITION	.0	2.3	.0	.0	2.3	3.8	.0	.0	3.8	6.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.2	.0	.0	.0	.2	9.6	.0	.0	9.6	9.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	12.0	.0	.0	12.0	12.0
GRAND TOTAL	47.7	6.1	.0	4.0	57.8	144.2	.0	.0	144.2	202.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

NORTH DAKOTA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	5.9	.3	.0	.0	6.1	12.7	.0	.0	12.7	18.8
RP 1.02: WATER & WATERSHEDS	3.8	1.3	.0	.0	5.1	4.8	.0	.0	4.8	9.8
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	2.0	2.0	.4	.0	.0	.4	2.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	1.0	1.0	.3	.0	.0	.3	1.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	4.5	.0	.0	.0	4.5	20.4	.0	.0	20.4	24.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.8	.0	.0	.0	.8	8.6	.0	.0	8.6	9.4
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.9
RP 3.08: SUGAR	2.0	.0	.0	.0	2.0	2.6	.0	.0	2.6	4.6
RP 3.09: FORAGE, RANGE, & PASTURE	7.1	.0	.0	.0	7.1	7.1	.0	.0	7.1	14.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.5	.0	.0	.0	3.5	3.9	.0	.0	3.9	7.5
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.9	.0	.0	.0	.9	.5	.0	.0	.5	1.4
RP 4.01: BEEF	.5	.0	.0	.0	.5	6.7	.0	.0	6.7	7.2
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	4.5	.0	.0	.0	4.5	.2	.0	.0	.2	4.7
RP 5.02: FOOD SAFETY	15.8	.0	.0	.0	15.8	1.2	.0	.0	1.2	17.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.1	.0	.0	.1	4.3	.0	.0	4.3	4.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	17.0	.0	.0	.0	17.0	18.3	.0	.0	18.3	35.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	66.4	1.6	.0	3.0	71.0	115.7	.0	.0	115.7	186.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

						OHIO				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OHIO ALLIANCE	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.8	.0	.0	.0	.8	9.0	.0	.0	9.0	9.8
RP 1.02: WATER & WATERSHEDS	3.6	.0	.0	.0	3.6	1.2	.0	.0	1.2	4.8
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.04: ENVIRONMENTAL QUALITY	2.3	.0	.0	.0	2.3	4.2	.0	.0	4.2	6.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	1.0	1.0	5.3	.0	.0	5.3	6.3
RP 2.03: FOREST PROTECTION	.0	.0	.0	13.0	13.0	1.2	.0	.0	1.2	14.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	8.2	8.2	.0	.0	.0	.0	8.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.0	3.0	.3	.0	.0	.3	3.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.8	.8	.1	.0	.0	.1	.9
RP 3.01: CORN	3.0	.0	.0	.0	3.0	6.9	.0	.0	6.9	9.9
RP 3.03: WHEAT	3.0	.0	.0	.0	3.0	1.5	.0	.0	4.5	4.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.06: SOYBEANS	.5	.0	.0	.0	.5	7.8	.0	.0	7.8	8.3
RP 3.08: SUGAR	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	1.5	.0	.0	.0	1.5	6.2	.0	.0	6.2	7.7
RP 3.14: VEGETABLE CROPS	1.1	.0	.0	.0	1.1	9.1	.0	.0	9.1	10.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	8.3	.0	.0	.0	8.3	8.3	.0	.0	8.3	16.5
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.01: BEEF	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 4.02: DAIRY	.0	.0	.0	.0	.0	8.7	.0	.0	8.7	8.7
RP 4.03: POULTRY	.0	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RP 4.04: SHEEP	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 4.05: SWINE	.0	.0	.0	.0	.0	8.3	.0	.0	8.3	8.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.01: FOOD & NUTRITION	1.0	.0	.0	.0	1.0	2.0	.0	.0	2.0	3.0
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 3				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OHIO ALLIANCE	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	2.7	.0	.0	.0	2.7	3.6	.0	.0	3.6	6.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	27.6	.0	.0	26.0	53.6	117.8	.0	.0	117.8	171.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

SOUTH DAKOTA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.5	3.5	.0	.0	.0	.0	3.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	3.5	3.5	.0	.0	.0	.0	3.5
RP 3.01: CORN	8.5	.0	.0	.0	8.5	2.0	.0	.0	2.0	10.5
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	1.4	.0	.0	.0	1.4	3.5	.0	.0	3.5	4.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.6	.0	.0	.0	1.6	2.6	.0	.0	2.6	4.2
RP 3.06: SOYBEANS	.2	.0	.0	.0	.2	.3	.0	.0	.3	.5
RP 3.09: FORAGE, RANGE, & PASTURE	.3	.0	.0	.0	.3	6.7	.0	.0	6.7	7.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.6	.0	.0	.0	.6	1.6	.0	.0	1.6	2.1
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.01: BEEF	.0	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 4.04: SHEEP	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 6.03: MARKETING & COMPETITION	.0	.9	.0	.0	.9	1.9	.0	.0	1.9	2.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.2	.0	.0	.0	.2	11.7	.0	.0	11.7	12.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
GRAND TOTAL	12.7	.9	.0	7.0	20.6	81.8	.0	.0	81.8	102.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3
WISCONSIN

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.9	.0	.0	.9	6.8	.0	.0	6.8	7.7
RP 1.02: WATER & WATERSHEDS	.0	.1	.0	.0	.1	.5	.0	.0	.5	.6
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.04: ENVIRONMENTAL QUALITY	.0	2.0	.0	.0	2.0	7.4	.0	.0	7.4	9.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	16.0	16.0	3.1	.0	.0	3.1	19.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	8.0	8.0	4.9	.0	.0	4.9	12.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	89.5	89.5	2.1	.0	.0	2.1	91.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.5	3.5	.4	.0	.0	.4	3.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.1	.0	.0	.0	.1	.7	.0	.0	.7	.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	5.9	.0	.0	.0	5.9	1.9	.0	.0	1.9	7.8
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 3.07: PEANUTS	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.0	.0	1.0	6.9	.0	.0	6.9	7.9
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 3.14: VEGETABLE CROPS	3.8	.0	.0	.0	3.8	16.1	.0	.0	16.1	19.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	4.0	.0	.0	.0	4.0	3.0	.0	.0	3.0	7.0
RP 4.01: BEEF	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 4.02: DAIRY	.6	.0	.0	.0	.6	13.1	.0	.0	13.1	13.6
RP 4.03: POULTRY	.2	.0	.0	.0	.2	4.3	.0	.0	4.3	4.5
RP 4.04: SHEEP	.2	.0	.0	.0	.2	1.2	.0	.0	1.2	1.4
RP 4.05: SWINE	.0	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	10.0	.0	.0	10.0	10.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 3

WISCONSIN

	ARS	ERS	PCA/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTR	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	4.8	.0	.0	.0	4.8	25.0	.0	.0	25.0	29.8
GRAND TOTAL	20.7	3.0	.0	117.0	140.7	161.2	.0	.0	161.2	301.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

ARIZONA

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.1	.0	.0	.0	3.1	5.7	.0	.0	5.7	8.8
RP 1.02: WATER & WATERSHEDS	16.5	.0	.0	1.1	17.6	7.5	.0	.0	7.5	25.1
RP 1.03: RECREATION	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 1.04: ENVIRONMENTAL QUALITY	.4	2.6	.0	.0	3.0	5.9	.0	.0	5.9	8.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.07: REMOTE SENSING	.6	.0	.0	.0	.6	.5	.0	.0	.5	1.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.4	.0	.2	.6	.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	3.0	3.0	1.2	.0	1.5	2.7	5.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	3.0	3.0	.7	.0	.0	.7	3.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.2	.0	.8	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	17.9	17.9	.8	.0	.0	.8	18.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	6.0	6.0	.7	.0	.6	1.3	7.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.6	.0	.2	.8	.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.03: WHEAT	.1	.0	.0	.0	.1	1.5	.0	.0	1.5	1.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.1	.0	.0	.0	2.1	.9	.0	.0	.9	3.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.08: SUGAR	.1	.0	.0	.0	.1	1.3	.0	.0	1.3	1.4
RP 3.09: FORAGE, RANGE, & PASTURE	6.0	.0	.0	.0	6.0	6.5	.0	.0	6.5	12.5
RP 3.10: COTTON	20.6	.0	.0	.0	20.6	13.8	.0	.0	13.8	34.4
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.5	.0	.0	.0	1.5	1.5	.0	.0	1.5	3.0
RP 3.13: FRUIT	.0	.0	.0	.0	.0	7.4	.0	.0	7.4	7.4
RP 3.14: VEGETABLE CROPS	1.4	.0	.0	.0	1.4	11.9	.0	.0	11.9	13.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	9.0	.0	.0	.0	9.0	.1	.0	.0	.1	9.1
RP 4.01: BEEF	.0	.0	.0	.0	.0	9.5	.0	.0	9.5	9.5
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.05: SWINE	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

					(PRIMARY)		REGION 4			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
GRAND TOTAL	61.2	2.6	.0	31.0	94.8	124.5	.0	3.2	127.7	222.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

REGION 4

RESEARCH PROGRAM SUMMARY

CALIFORNIA

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	12.6	.0	.0	.0	12.6	23.3	.0	.0	23.3	35.9
RP 1.02: WATER & WATERSHEDS	12.5	.0	.0	.0	12.5	12.4	.0	.0	12.4	24.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 1.04: ENVIRONMENTAL QUALITY	21.7	.0	.0	.0	21.7	28.8	.0	.0	28.8	50.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.7	.0	.0	.0	.7	2.7	.0	.0	2.7	3.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	5.7	.0	.2	5.9	5.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	13.8	13.8	4.6	.0	.1	4.7	18.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	32.2	32.2	10.6	.0	.0	10.6	42.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.9	.9	14.5	.0	.0	14.5	15.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	11.9	11.9	2.1	.0	.2	2.3	14.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	5.0	5.0	2.7	.0	.0	2.7	7.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	5.7	5.7	.5	.0	.0	.5	6.2
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.7	.0	.0	.0	.7	1.2	.0	.0	1.2	1.9
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	10.5	.0	.0	.0	10.5	3.7	.0	.0	3.7	14.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.0	.7	2.5	.0	.0	2.5	3.2
RP 3.05: RICE	1.5	.0	.0	.0	1.5	4.0	.0	.0	4.0	5.5
RP 3.06: SOYBEANS	.7	.0	.0	.0	.7	6.7	.0	.0	6.7	7.4
RP 3.08: SUGAR	7.6	.0	.0	.0	7.6	2.8	.0	.0	2.8	10.4
RP 3.09: FORAGE, RANGE, & PASTURE	10.6	.0	.0	.0	10.6	22.7	.0	.0	22.7	33.2
RP 3.10: COTTON	9.5	.0	.0	.0	9.5	14.1	.0	.0	14.1	23.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.8	.0	.0	.0	3.8	4.3	.0	.0	4.3	8.1
RP 3.13: FRUIT	34.1	.0	.0	.0	34.1	70.2	.0	.0	70.2	104.3
RP 3.14: VEGETABLE CROPS	27.0	.0	.0	.0	27.0	34.0	.0	.0	34.0	61.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.7	.0	.0	.0	.7	15.1	.0	.2	15.3	16.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 4.01: BEEF	.4	.0	.0	.0	.4	11.3	.0	.0	11.3	11.7
RP 4.02: DAIRY	.4	.0	.0	.0	.4	7.9	.0	.0	7.9	8.3
RP 4.03: POULTRY	6.4	.0	.0	.0	6.4	12.2	.0	.0	12.2	18.6
RP 4.04: SHEEP	22.2	.0	.0	.0	22.2	5.1	.0	.0	5.1	27.3
RP 4.05: SWINE	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.9	.0	.0	.0	.9	3.1	.0	.0	3.1	4.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4
CALIFORNIA

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 5.01: FOOD & NUTRITION	19.9	.0	.0	.0	19.9	27.2	.0	.0	27.2	47.1
RP 5.02: FOOD SAFETY	12.5	.0	.0	.0	12.5	13.8	.0	.0	13.8	26.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	17.4	.0	.0	17.4	17.4
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.8	.0	.0	.0	.8	11.5	.0	.0	11.5	12.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.4	.0	.0	.4	2.2	.0	.0	2.2	2.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	16.6	.0	.0	.0	16.6	2.7	.0	.0	2.7	19.3
RP 6.03: MARKETING & COMPETITION	1.4	3.5	.0	.0	4.9	5.7	.0	.0	5.7	10.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	21.4	.0	.0	.0	21.4	115.3	.0	.0	115.3	136.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
GRAND TOTAL	257.6	3.9	.0	69.4	330.9	548.3	.0	.6	548.9	879.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

COLORADO

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	6.7	1.1	.0	.0	7.7	6.7	.0	.0	6.7	14.4
RP 1.02: WATER & WATERSHEDS	10.8	1.1	.0	.0	11.8	19.1	.0	.1	19.2	31.0
RP 1.04: ENVIRONMENTAL QUALITY	6.8	1.2	.0	.0	8.0	11.3	.0	.0	11.3	19.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.4	.0	.0	.0	1.4	8.9	.0	.0	8.9	10.4
RP 1.06: FISH & WILDLIFE	.2	.0	.0	.0	.2	.4	.0	.0	.4	.6
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	7.0	7.0	.1	.0	1.1	1.3	8.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	3.0	3.0	.0	.0	.5	.5	3.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	13.2	13.2	.0	.0	.0	.0	13.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	4.0	4.0	.7	.0	.5	1.2	5.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	9.4	9.4	.6	.0	.9	1.5	10.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	5.0	5.0	.0	.0	.1	.1	5.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	2.5	2.5	.1	.0	.2	.3	2.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	2.0	2.0	.0	.0	.4	.4	2.4
RP 3.01: CORN	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.03: WHEAT	.4	.0	.0	.0	.4	7.8	.0	.0	7.8	8.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 3.08: SUGAR	4.5	.0	.0	.0	4.5	1.0	.0	.0	1.0	5.5
RP 3.09: FORAGE, RANGE, & PASTURE	5.7	.0	.0	.0	5.7	11.3	.0	.0	11.3	17.0
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	10.9	.0	.0	10.9	10.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 4.01: BEEF	1.6	.0	.0	.0	1.6	27.6	.0	.0	27.6	29.2
RP 4.02: DAIRY	.5	.0	.0	.0	.5	.8	.0	.0	.8	1.3
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.04: SHEEP	1.4	.0	.0	.0	1.4	.8	.0	.0	.8	2.2
RP 4.05: SWINE	.2	.0	.0	.0	.2	.0	.0	.0	.0	.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.1	.0	.0	.0	4.1	.8	.0	.0	.8	4.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

COLORADO

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	2.2	.0	.0	2.2	4.8	.0	.0	4.8	7.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	4.2	.0	.0	.0	4.2	16.7	.0	.0	16.7	20.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	48.5	5.5	.0	46.0	100.0	160.4	.1	3.7	164.2	264.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

HAWAII

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.5	.5	.0	.0	.0	.0	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.2	5.2	.6	.0	.0	.6	5.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	2.0	2.0	.9	.0	.0	.9	2.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	1.5	1.5	.4	.0	.0	.4	1.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.9	1.9	.0	.0	.0	.0	1.9
RP 3.01: CORN	.0	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.08: SUGAR	2.2	.0	.0	.0	2.2	2.2	.0	.0	2.2	4.4
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.13: FRUIT	10.9	.0	.0	.0	10.9	21.4	.0	.0	21.4	32.3
RP 3.14: VEGETABLE CROPS	.9	.0	.0	.0	.9	10.4	.0	.0	10.4	11.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	10.1	.0	.0	10.1	10.1
RP 4.01: BEEF	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.03: POULTRY	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 4.05: SWINE	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.4	.0	.0	.0	.4	.6	.0	.0	.6	1.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
GRAND TOTAL	14.4	.0	.0	11.0	25.4	95.1	.0	.0	95.1	120.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

IDAH0

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	6.5	.0	.0	.0	6.5	4.1	.0	.0	4.1	10.6
RP 1.02: WATER & WATERSHEDS	11.2	.0	.0	.0	11.2	.4	.0	.0	.4	11.5
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	4.5	.0	.0	.0	4.5	3.6	.0	.0	3.6	8.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	1.9	1.9	1.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	9.4	9.4	.0	.0	6.0	6.0	15.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	7.5	7.5	1.9	.0	1.5	3.3	10.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.1	.0	1.3	1.4	1.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	4.1	4.1	.2	.0	2.4	2.6	6.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.0	2.0	.0	.0	10.2	10.2	12.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	1.7	1.7	1.7
RP 3.01: CORN	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	1.1	.0	.0	.0	1.1	6.4	.0	.0	6.4	7.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	.0	1.0	2.3	.0	.0	2.3	3.3
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.08: SUGAR	.5	.0	.0	.0	.5	1.0	.0	.0	1.0	1.5
RP 3.09: FORAGE, RANGE, & PASTURE	1.8	.0	.0	.0	1.8	2.5	.0	.0	2.5	4.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 3.13: FRUIT	.0	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 3.14: VEGETABLE CROPS	2.5	.0	.0	.0	2.5	20.2	.0	.0	20.2	22.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.01: BEEF	.0	.0	.0	.0	.0	6.7	.0	.1	6.8	6.8
RP 4.02: DAIRY	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.04: SHEEP	5.0	.0	.0	.0	5.0	2.7	.0	.0	2.7	7.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

	(PRIMARY)					REGION 4				
						IDAHO				
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	3.5	.0	.1	3.6	3.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0	.5	1.1	1.1
GRAND TOTAL	34.0	.0	.0	23.0	57.0	76.4	.0	25.6	102.0	159.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

MONTANA

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.3	.0	.0	.0	4.3	9.9	.0	.0	9.9	14.2
RP 1.02: WATER & WATERSHEDS	2.9	.0	.0	.0	2.9	3.2	.0	.0	3.2	6.1
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.9	.9	.0	.0	.0	.0	.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0	.0	.0	.8	.8	5.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	24.5	24.5	.0	.0	.5	.5	25.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	9.5	9.5	.2	.0	.7	.9	10.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	7.1	7.1	.0	.0	.3	.3	7.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.0	3.0	.0	.0	1.8	1.8	4.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	2.0	2.0	.0	.0	.2	.2	2.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	1.6	1.6	.0	.0	.0	.0	1.6
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
RP 3.01: CORN	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	3.1	.0	.0	.0	3.1	8.3	.0	.0	8.3	11.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.1	.0	.0	.0	1.1	6.5	.0	.0	6.5	7.5
RP 3.08: SUGAR	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.09: FORAGE, RANGE, & PASTURE	8.2	.0	.0	.0	8.2	11.0	.0	.0	11.0	19.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.01: BEEF	5.4	.0	.0	.0	5.4	4.3	.0	.0	4.3	9.6
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.04: SHEEP	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 4.05: SWINE	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

MONTANA

	ARS	ERS	FC5/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
GRAND TOTAL	25.0	.0	.0	53.6	78.6	65.3	.0	4.5	69.8	148.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

NEVADA

	ARS	RES	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.07: REMOTE SENSING	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	1.2	1.2	.8	.0	.0	.8	2.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.8	.8	1.0	.0	.0	1.0	1.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	4.8	.0	.0	.0	4.8	6.6	.0	.0	6.6	11.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.01: BEEF	.0	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	4.9	.0	.0	2.0	6.9	34.7	.0	.0	34.7	41.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

NEW MEXICO

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.2	.0	.0	.0	.2	3.9	.0	.0	3.9	4.1
RP 1.02: WATER & WATERSHEDS	3.1	.0	.0	.0	3.1	.9	.0	.0	.9	3.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.0	.4	.4	.0	.0	.4	.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.3	2.3	.4	.0	.0	.4	2.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.7	.7	.7	.0	.0	.7	1.5
RP 3.01: CORN	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	3.7	.0	.0	.0	3.7	18.1	.0	.0	18.1	21.7
RP 3.10: COTTON	5.3	.0	.0	.0	5.3	8.0	.0	.0	8.0	13.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.13: FRUIT	.0	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.01: BEEF	1.2	.0	.0	.0	1.2	9.4	.0	.0	9.4	10.6
RP 4.02: DAIRY	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.04: SHEEP	.1	.0	.0	.0	.1	1.1	.0	.0	1.1	1.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.3	.0	.0	.3	.4
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
GRAND TOTAL	14.0	.0	.0	3.0	17.0	80.9	.0	.0	80.9	97.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

TABLE	V-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		REGION 4			
		RESEARCH PROGRAM SUMMARY				OREGON					
		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	2.0	.0	.0	.0	2.0	4.1	.0	.0	4.1	6.1
RP 1.02:	WATER & WATERSHEDS	4.4	1.0	.0	.0	5.4	1.2	.0	.0	1.2	6.6
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.1	.0	.0	.1	9.1	.0	.0	9.1	9.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.0	.4	.0	.0	1.1	1.1	1.5
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	11.0	11.0	.0	.0	1.1	1.1	12.1
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	16.6	16.6	1.5	.0	13.9	15.4	32.0
RP 2.03:	FOREST PROTECTION	.0	.0	.0	26.4	26.4	1.3	.0	2.0	3.3	29.7
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	11.3	11.3	.0	.0	18.3	18.3	29.6
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	5.5	5.5	.4	.0	2.0	2.4	7.9
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	8.0	8.0	.1	.0	1.1	1.2	9.2
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.6	.0	.9	1.5	1.5
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	1.3	1.3	.0	.0	.7	.7	2.0
RP 3.01:	CORN	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.03:	WHEAT	2.0	.0	.0	.0	2.0	4.7	.0	.0	4.7	6.7
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0	.4	3.0	.0	.0	3.0	3.4
RP 3.06:	SOYBEANS	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.09:	FORAGE, RANGE, & PASTURE	5.5	.0	.0	.0	5.5	9.6	.0	.0	9.6	15.1
RP 3.12:	NEW CROPS & MINOR OILSEEDS	4.3	.0	.0	.0	4.3	.6	.0	.0	.6	4.9
RP 3.13:	FRUIT	2.0	.0	.0	.0	2.0	15.2	.0	.0	15.2	17.2
RP 3.14:	VEGETABLE CROPS	1.0	.0	.0	.0	1.0	10.1	.0	.0	10.1	11.1
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	4.0	.0	.0	.0	4.0	4.1	.0	.0	4.1	8.1
RP 3.16:	BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.01:	BEEF	.4	1.2	.0	.0	1.6	7.7	.0	.0	7.7	9.3
RP 4.02:	DAIRY	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 4.03:	POULTRY	.0	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 4.04:	SHEEP	.0	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.05:	SWINE	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 5.04:	INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.05:	RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

OREGON

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.8	.0	.0	.8	.6	.0	.0	.6	1.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.4	.0	.0	.0	.4	22.5	.0	.0	22.5	22.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0
GRAND TOTAL	26.7	3.1	.0	80.1	109.9	134.3	.0	42.1	176.4	286.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

UTAH

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INETS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	9.0	9.0	.2	.0	.0	.2	9.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	3.9	3.9	.0	.2	.0	.2	4.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	8.2	8.2	.8	.0	.0	.8	9.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	8.7	8.7	.1	.0	.0	.1	8.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.3	1.3	2.0	.0	.0	2.0	3.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.03: WHEAT	.8	.0	.0	.0	.8	1.7	.0	.0	1.7	2.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.2	.0	.0	.0	.2	.7	.0	.0	.7	.9
RP 3.08: SUGAR	4.4	.0	.0	.0	4.4	.2	.0	.0	.2	4.6
RP 3.09: FORAGE, RANGE, & PASTURE	5.9	.0	.0	.0	5.9	4.6	.0	.0	4.6	10.6
RP 3.13: FRUIT	.2	.0	.0	.0	.2	3.9	.0	.0	3.9	4.0
RP 3.14: VEGETABLE CROPS	.2	.0	.0	.0	.2	1.5	.0	.0	1.5	1.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.0	.0	.0	.0	3.0	.0	.0	.0	.0	3.0
RP 4.01: BEEF	2.3	.0	.0	.0	2.3	3.3	.0	.0	3.3	5.7
RP 4.02: DAIRY	2.6	.0	.0	.0	2.6	4.2	.0	.0	4.2	6.7
RP 4.03: POULTRY	.0	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 4.04: SHEEP	1.7	.0	.0	.0	1.7	5.6	.0	.0	5.6	7.3
RP 4.05: SWINE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 5.02: FOOD SAFETY	.9	.0	.0	.0	.9	2.1	.0	.0	2.1	3.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.8	.0	.0	.0	.8	4.1	.0	.0	4.1	4.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
GRAND TOTAL	22.9	.0	.0	31.0	53.9	61.4	.2	.0	61.6	115.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

WASHINGTON

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.4	.0	.0	.0	4.4	5.8	.0	.0	5.8	10.2
RP 1.02: WATER & WATERSHEDS	3.9	.0	.0	.0	3.9	1.2	.0	.0	1.2	5.1
RP 1.04: ENVIRONMENTAL QUALITY	1.0	.0	.0	.0	1.0	3.5	.0	.0	3.5	4.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.5	.0	.0	.0	.5	1.0	.0	.0	1.0	1.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.6	.0	.9	1.4	1.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0	3.1	.0	6.4	9.5	14.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.4	.0	1.5	2.9	2.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	2.8	2.8	3.9	.0	5.9	9.8	12.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	5.9	5.9	.2	.0	23.3	23.5	29.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.9	.0	1.8	2.7	2.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.0	1.0	.0	.0	4.2	4.2	5.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	.0	1.1	1.3	1.3
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3
RP 3.01: CORN	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	9.7	.0	.0	.0	9.7	6.6	.0	.0	6.6	16.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0	.4	2.5	.0	.0	2.5	2.9
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.08: SUGAR	1.9	.0	.0	.0	1.9	1.9	.0	.0	1.9	3.8
RP 3.09: FORAGE, RANGE, & PASTURE	6.7	.0	.0	.0	6.7	3.3	.0	.0	3.3	9.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.8	.0	.0	.0	1.8	1.6	.0	.0	1.6	3.4
RP 3.13: FRUIT	17.4	.0	.0	.0	17.4	21.2	.0	.0	21.2	38.6
RP 3.14: VEGETABLE CROPS	14.7	.0	.0	.0	14.7	17.8	.0	.0	17.8	32.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	5.8	.0	.0	5.8	6.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.01: BEEF	.1	.0	.0	.0	.1	4.8	.0	.0	4.8	4.9
RP 4.02: DAIRY	.1	.0	.0	.0	.1	3.5	.0	.0	3.5	3.6
RP 4.03: POULTRY	.0	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 4.04: SHEEP	.9	.0	.0	.0	.9	2.9	.0	.0	2.9	3.7
RP 4.05: SWINE	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.0	.0	.0	.0	1.0	.6	.0	.0	.6	1.6
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 5.02: FOOD SAFETY	1.4	.0	.0	.0	1.4	2.9	.0	.0	2.9	4.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.5	.0	.0	.0	.5	4.8	.0	.0	4.8	5.3
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	1.2	.0	.0	.0	1.2	.5	.0	.0	.5	1.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

					(PRIMARY)		REGION 4			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.8	.0	.0	.0	.8	.0	.0	.0	.0	.8
RP 6.03: MARKETING & COMPETITION	3.1	1.1	.0	.0	4.2	2.8	.0	.0	2.8	7.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.1	.0	.0	.0	3.1	7.7	.0	.0	7.7	10.7
GRAND TOTAL	74.6	1.1	.0	14.7	90.4	127.4	.0	45.3	172.7	263.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REGION 4

WYOMING

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.0	.0	.0	.0	1.0	.8	.0	.0	.8	1.8
RP 1.02: WATER & WATERSHEDS	1.2	.0	.0	.0	1.2	2.5	.0	.0	2.5	3.6
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.5	2.5	.1	.0	.0	.1	2.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.0	3.0	.8	.0	.0	.8	3.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.08: SUGAR	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.09: FORAGE, RANGE, & PASTURE	3.3	.0	.0	.0	3.3	5.9	.0	.0	5.9	9.2
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.0	.4	.4	.0	.0	.4	.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.0	.0	.0	.0	3.0	.0	.0	.0	.0	3.0
RP 4.01: BEEF	.3	.0	.0	.0	.3	6.4	.0	.0	6.4	6.7
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.04: SHEEP	.0	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
GRAND TOTAL	9.1	.0	.0	5.5	14.6	47.1	.0	.0	47.1	61.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977
RESEARCH PROGRAM SUMMARY

					(PRIMARY)		REGION 4			
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	CSRS/SARS TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8